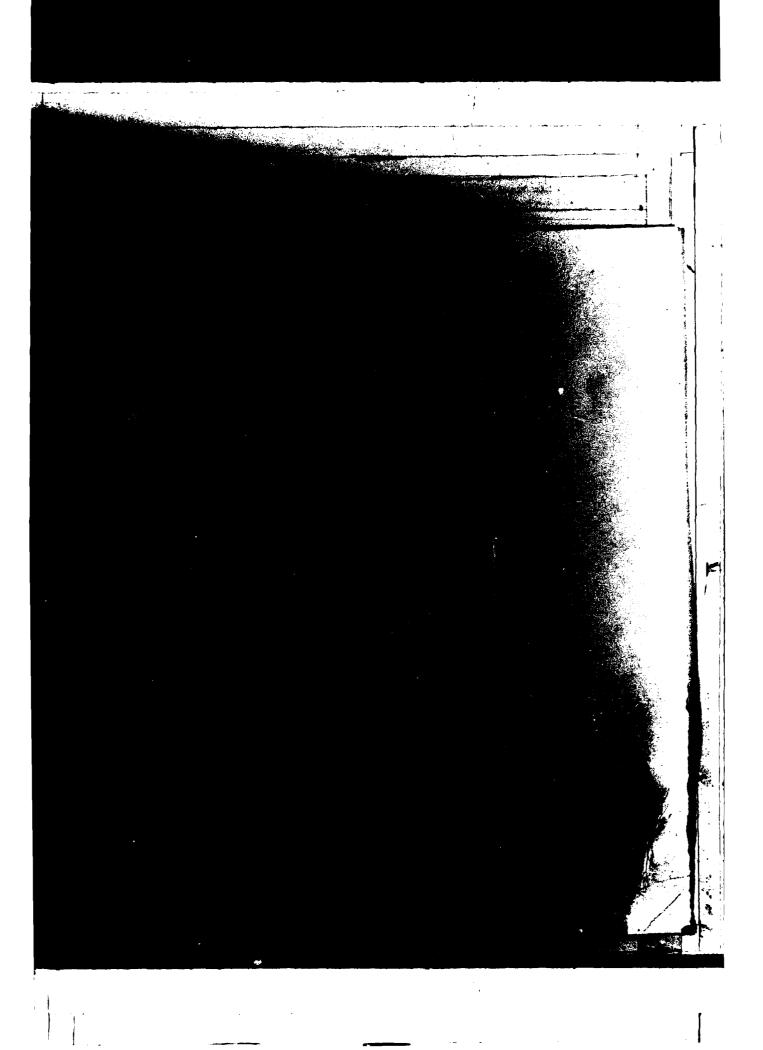
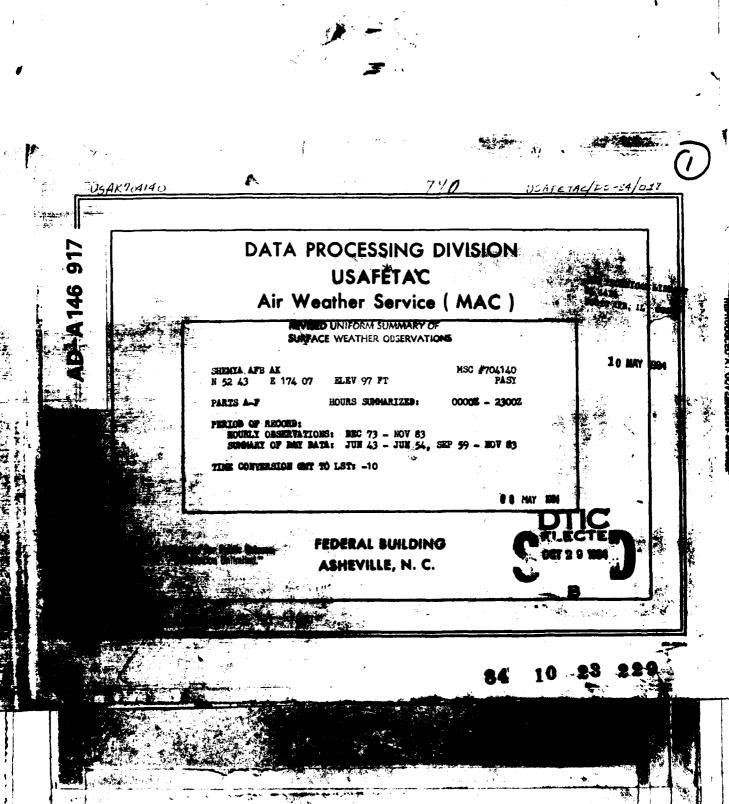
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REVIEW AND APPROVAL STATEMENT

This report, USAFETAC DS-84/2, is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

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Wayne E. Mc Collon

WAYNE E. MCCOLLOM Chief, Document Reference Section USAFETAC/LDX

REPORT DOCUMENTA	READ INSTRUCTIONS BEFORE COMPLETING FORM	
REPORT NUMBER USAFETAC/DS-84/018	2. GOVT ACCESSION NO.	3 RECIPIENT'S CATALOG NUMBER
. TITLE (and Subtitle) Revised Uniform Weather Observat Shemya AFB, Ala	ions (RUSSWO)-	5 TYPE OF REPORT & PERIOD COVERED Final rept
• • •		6. PERFORMING ORG, REPORT NUMBER
. AUTHOR(s)		8. CONTRACT OR GRANT NUMBER(#)
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9. KEY WORDS (Continu reverse side if necessary and identify by block number)

*RUSSWO Daily temperatures Snowfall Extreme snow depth Climatology Sea-level pressure Surface Winds Extreme temperature Relative Humidity *Climatological data Atmospheric pressure Extreme surface winds Psychrometric summary Ceiling versus visibility (over)

ABSTRACT (Contin e on reverse side if necessary and identify by block

This report is a six-part statisitical summary of surface weather observations for Shemya AFB, Alaska.

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena (B) Precipitation, Snowfall and Snow Depth (Daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric

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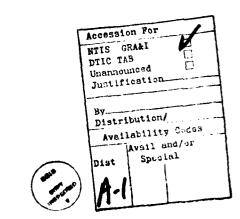
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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
*Alaska *Shemya AFB *USAK704140
*Shemya Air Force Base *Shemya Island *Shemya
*Shemya AAB *Shemya Army Air Base *Shemya AAF
*Shemya Army Air Field

20. Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurring tables.

SECURITY CLASSIFICATION OF THIS PAGE(When Date Entered)

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.



U S AIR PORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Mounty observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Proceeding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Sorvices and some fureign stations uning stations uning stations uning stations.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART & PRECIPITATION

SNOWFALL

SNOW DEPTH .

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV .

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0500, 0500-0500, 0500-0500, 0500-1000, 1500-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are unitted when stations saintaining limited observing schedules did not report certain three-hour periods for any particular south during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly

.MMURRY	APRIL	•	JULY	OCTOBER
FKBHUAHY	MY		AUGUST	HOVEHOUR
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- {		Is AFB Alaska	Jun 48 Jul 55	Jun 54 Nov 55	Same Same	Same	105 102	Same 132	5 to 1		
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1	Same		Nov 65	Dec 70	Same	Same	Same	128	Í		
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)	May 48			(Selsyn		1	ĺ				
2	Jun 48to	• • • • • • • • • • • • • • • • • • •	r Stati	on Same	Same	28 ft	ì				
3	Feb 53 Mar 53to	Bldg. 1. Located on roof of Open			Same	Same	{				
, l	mar 53to	Bldq.	her a cTO		7	-	Į.				
1	160 34	2. Same		AN/GMO	-1 MI-204	Same	ſ				
4	Mar 54to			Same	Same	25 ft	ì				
	Jun 54	2. Same		Same	Same	Same	(
5	Jul 55to	Located on top of Weather	r Stati	on AN/GM	Q 1 MI2	04 25 ft	I				
1	Aug 55			1	1]	1				
6	Sep 55to	Same		Same	Same	40 £t	1				
	Nov 55						L				
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MARKER	BATE OF	SURFACE WIND EQUIPMENT IN	FORMATION				1
OF LOCATION	CHANGE	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	NT ABOVE GROUND	REMARKS, ADDITIONAL ECOMPHERE OR REASON FOR CHANGE	l
7	Jul 58to	Located on top of Balloon Infla-		None	37 ft		1
8	Aug 59 Sep 59to	tion Bldg. Located on roof of station.	F420C	AW Wind	32 ft	,	ł
9	11Nov61 12Nov61	Located at Rnwy site.	AN/GMQ-11	Gusts	20 ft		l
	to26Mar68	•	,	l			ļ
10	27 Mar68 to Dec 83	 Located at Rnwy 28 site. Located at Rnwy 10 site. 	AN/GMQ-11 Same	RO-2	20 ft 17 ft		1
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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less then .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Bail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

A - 1

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations one or more of the above obstructions to vision occurred. Since more than one type of obstruction more reported in the same observation, the sums of the individual categories may exceed the percentage to columns. Also, although precipitation may reduce visibility, it is not considered an obstruction is sion for purposes of this summary; therefore, the percentage total of obstructions to vision need not recent the total observations with reduced visibility.

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WEATHER CONDITIONS

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STATION	STATION NAME	YEARS	HTMOM

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MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND: OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
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	· - `		11.	• !	2.1		78.3	2.0	•6	~ . 0		16.7	937
	1-1.		12.	• ;	74.2		19.5	5.3	3.	5.4	-	12.5	935
													
TOTALS			17.1	• 1	36.4		78.7	6 • 1	• 3	€ •	•3	14.2	7439

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WEATHER CONDITIONS

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STATION	STATION NAME	YEARS	MONTH

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нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
٠,٠	7-57		2.5	•2	78 • 1		45.2	10.3	. 4	9•1		10.	846
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	• • = •		5. €		5.7		72.5	12.1	٠2	13		?2.2	846
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	· ^ - ?		5.9		• ∟		- ti • 4	13.5	•2	7.3		2 - 9	846
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TOTALS			9.7	•0	*3.9		40.5	11.1	•1	۶•2		20.0	6768

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WEATHER CONDITIONS

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STATION	STATION NAME	YEARS	HTHOM

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MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
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	₹ - 35		1. •		74.4		41.7	9.3		, ,0		11.	23,
	16-11		13.4		78.1		46	10.3		7.5		17.2	03 <u>r</u>
	0-11		13		1.2		78.4	13.2		7.5		20.1	33 <u>0</u>
	10-14		: 1.2		~4 . ₹		1.8	11.6		4.1		14.9	930
	15-17		:1.		~S.~		72.2	19.9	•2	4.5		15.5	930
	∡s-2°		11.9		^6. 9		74.4	13.3	•1	5.5		18.6	929
	1-27		11.1		72.5		46.3	13.2		ს•6		19.5	930
													
TOTALS			17.1		30.9		78.4	11.5	•0	۵•3	-	17.4	7439

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WEATHER CONDITIONS

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STATION NAME

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MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
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	6~ ×		19.7		3.67		11.3	18.4		1.8		20.1	900
	0-11		7.5		^2•6		75.6	18.2	• 1	2.8	-1	21.1	905
	1 '-1':		18.0		,8.6		72.6	18.7	•2	1.7	• 3	27.6	960
	10-17		17.6		17.3		7 / 1	13.8	1.2	1.3	_ • 3	21.2	906
	, - ,		18.4		14.8		19.1	19.4	1.2	1.3	• 3	22.2	იცი
	71-20		19.4		19.3		24.4	15.2	•9	1.8	• 2	27.8	900
			<u> </u>										
TOTALS			19.1		71.6		35.9	18.8	•5	1.9	•2	21.0	7200

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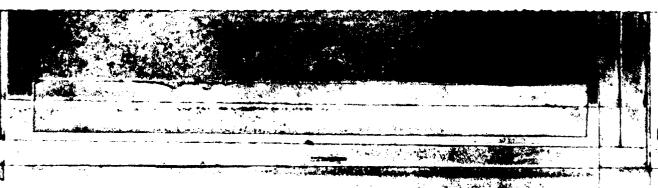
WEATHER CONDITIONS

7 /14	CHEMYA AFR AV	$\cdot \cdot \cdot \cdot \cdot \cdot \cdot$	MAY
STATION	STATION NAME	YEARS	нтиом

PROCENTAGE EREQUENCY OF OCCUPPANCE OF WEATHER CONDITIONS FROM HOURLY CLASEDVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	-		₹8		7.5		75.	25.5	• 4		•6	26.6	930
	7- 01		73.2		7.3		78.5	े7 ∙ 8	• 3	•2	•6	29.1	037
	6-15		^9·		6.6		33.2	79.7	• 3	•5	•3	3 . 8	037
	9-11		6.7		5.2		71.3	26.2	•1	• 3	•2	26.7	930
	17-14		71.7	,	4.5	. 1	24.5	71.9	•6			22.6	930
	15-17		:i.1		4.?		23.2	25.4	1.3		• 3	21.8	930
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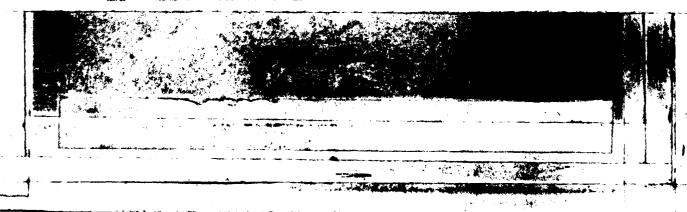
WEATHER CONDITIONS

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STATION	STATION NAME	YEARS	HTHOM

PROCENTARL PRESERVEY OF OCCURRENCE OF WEATHER CONFITIONS (FOR HOURLY OFFENATIONS

монтн	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
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WEATHER CONDITIONS

7 - 4 4	SPERNA MED AR	7 4 - 2 7	Jul
STATION	STATION NAME	YEARS	MONTH

PLACENTAGE EREQUENCY OF OCCUPRENCE OF WEATHER CONCETTIONS TROW HOURLY DESERVATIONS

MONTH	HOURS (L S T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
Jet	(1= 7,2		. دوين				42.	€7.7				67.7	იკე
	. ~-^		4.2 <u>•</u> 1				47.5	72.7	• 4			72.7	937
	(i = . ·		13.5				17.5	73 <u>.</u> 5				7'•5	930
	0- 1		75.4				75.4	A6.8	•			66.9	930
	1 " - 1 "		76.7				ີ6∙ĕ	59∙8	1			59.9	930
	45-17		^ .3				70.3	°3•1	_•1			53.1	929
	1 % 22		71.				21	55.3				58 .3	930
	1-21		27.6				7.6	54.7	•1			64.	937
							+						
TOTALS			72.1				72.1	64.1	• 1			64.1	7439

CONTENT AND U. 10-SIGL A), NEVICUS CONCES CONTENT CONT

GLOFAL CLIMATCLOGY SPANCH PRAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 414.	THENYA KIN AK	~ 4 = 0 ~	Aus
STATION	STATION NAME	YEARS	MONTH

PROCENTAGE FOR DUCKEY OF CCCUPPE OF VEATHER COMPITIONS FROM HOURLY OFFERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
117	n - 1		77.7				77.7	17.1	• :			67.1	930
	•		62.0			.1	42.3	7 1.8			•1	7:.9	936
	£ = 12		44.				t: 4 •	70.2				7 .2	930
	9-11		42.6				67.6	63.9				68.9	930
	10-14		*1.7				71.0	62.6	•1			62.6	930
	17-17		7,7				- 7.2	54.5	•6			5.5€2	930
	15-2	• 1	12.3				72.3	£4.3	•5			54.7	936
	1-23		76.1				76.1	61.4	• 3			61.4	930
TOTALS		•0	76.8			• U	36.8	63.8	• 3		• 0	63.9	7447

USARTAC AND 0-10-5(QL A), REVIOUS EDITIONS OF THIS FORM ARE OSSIGNET

GEORAL CLIMATOLOGY OFANCH JOAFETAC ATR WEATHOR SERVICE/MAC

WEATHER CONDITIONS

7 414	SHE TYA AFR AN	71-67	SEP
STATION	STATION NAME	YEARS	HTHOM

PURCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OPSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	8LOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
·	13 - 12		15.8				25.2	^8.9				72.9	<u> ୧୯୩</u>
	;- -57		75.1		• 0		25.3	26.9	• 1			27.1	<u>ი</u> ეე
	*5, - .:		~4.0				70.j	70.3				28.3	<u>9. n</u>
	9-11		71.7				-1.2	76.1	• 6			26.4	9.,0
	17-14		13.5				13.6	~2•1	.4			27.6	900
	15-17		13.7				18.7	79				27.9	<u>9</u> 75
	12-2		21.4				^1.4	?2.3	• 3			22.7	900
	.1-23					•1	25.	76.9	<u>.</u> :			26.9	900
													·
TOTALS			?2.4		•0	•-	72.4	25.3	• 2			25.5	7200

USAPETAC POINT 0-10-5(QL A), PREVIOUS EDITIONS OF THE FORM ARE OSSOLETE

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GLIPAL CLIMATHLOCY ROANCH UNAFETAC ATH STATHIN STRVITEMEN

WEATHER CONDITIONS

7 . 14	SUFUEN AFT AK	14-97	CCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCUPPENCE OF WEATHER CONDITIONS FROM HOURLY DESERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND: OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
) C T	J - :		್ಲ₃3		3.€	• 1	29.1	16.1	• 3	•1		18.5	939
	?= '7.".		13.6		4.6	• 1	71.5	16.7	• 3	•2		10.2	930
	· ‹ • ¬		70.07		4.0	۰ź	29•	16.9	• 1	• 7		17.3	930
	9-1!		72.7		2.3		24.6	15.3				15.3	930
	1:-10		24		2.3	• 1	21.5	14.5	•1			14.6	931
	1"-17		24.		3.3		75.9	14.2	•6		•_3	15.2	930
	. r, = 2 ·		23.3		1.6	_•2	75.2	14.4	•5		•1	15.1	937
	1-27		23.5		3.9		26.1	16.9	•2			17.1	931
TOTALS			24.5		3 • 3	_ 1	26.7	16.1	•3	.1	•1	16.5	7440

USAPETAC PORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSCUETE

GLUBAL CLIMATOLOGY SHANCH USAFETAC ATT SEATHER SERVICEZMAC

WEATHER CONDITIONS

7 - 14	INITYA AFB AN	74-6-	NGV
\$TATION	STATION NAME	YEARS	HTHOM

PERCENTAGE FREQUENCY OF OCCUPRENCE OF REATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MOA	,1=7×		17.9		۶ و د	• 2.	37.3	11.4	. 4	1.2		12.8	30.0
	3		• . • .		18.6		36.4	14.2	• 3	1.•2	.1	15.4	9/ 1
	£. = 3.0		2 1 - 3		19.7	<u> </u>	35.8	13.7	• 1	1.0	• 2	14.8	9,00
	77-11		73.2	• 1	18.9		75.3	12.1		1.6	•1	13.8	220
	12-14		1		15.8		30.8	11.7	• 1	•9	•6	13.1	899
	15-17		22.3		.7.8		75.5	13.9		1.3	• 3	15.5	897
	13-2.		15.8		/ .n		75.1	13.7	. 7	1.4	• 6	16.1	397
	1-23		71.7		″3 <u>•</u> Ω		40.9	11	• 5	1.4		17.7	897
											·		
TOTALS			25	٠٠	19.4	•0	76.0	12.7	• 3	1.3	•2	14.3	7197

USAPETAC FORM 0-10-5(QL A), MEMOUS EDITIONS OF THIS FORM ARE OSSOCIETE

GL MAL CLIMATHLOGY RHANCH BEARLING AT WEATHER SERVIC MAC

WEATHER CONDITIONS

7: (14 .	THE YA AFS AR	⁷ 3-e 1	DFC
STATION	STATION HAME	YEARS	HTMOM

PROCENTAGE PREQUENCY OF ACCUMPANCE OF REATHER CONMITTIONS FROM HOURLY CREEPVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
21.0	(-		14.7		34.8		45.2	12.5		4.8		17.2	937
			17.5		72.6		04.3	13	·	4.6		17.4	330
	£>		6 ن	• 1	75.5		45.6	12.5		3.9		16.2	937
	6-11		14.5		36 • 1		ti € • 7	12.7		5.2		17.7	930
	17-14		14.7		`o • 1		36.	13.8		3.1		18.8	930
	15-17		12.0		^3.8		34.3	14.2	3	3.7		18.2	930
	:8-2		11.9		79 . 5		38.9	14.9	•5	4.4		19.7	930
	.1-23		13.1		72.6		42.6	13.5		e • 3		18.5	930
						 							
TOTALS			14.4	.0	71.4		42.9	13.4	•1	4.6		18.	7440

USAPETAC RAY 64 0-10-5(OL A), PREVIOUS ROMONS OF THIS FORM ARE OSSOLET

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GLOBAL CLIMATOLOGY PRANCH US MEETAC ALL WEATHER SERVICEMAC

WEATHER CONDITIONS

7 L14 STATION

SHEWA AFT AK

YEARS

STATION NAME

PERCENTABL EPEQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OCCUPYATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JA.	ALL		17.1	• 1	10.4		78.7	8.1	• 3	€	•0	14.2	7439
L			∘ 7		73.9		4'`•5	11.1	-1	9.2		20.0	6768
∨ _{\$} >			10.1		30 . 9		78.4	11.5	•:	6.3	l	17.4	7439
46:			•9.1		^1.6		75.9	18.8	•5	1.9	•2	21.	7200
HAY			20•€		5 • P		7~•∩	24.5	•7	•1	. 3	25.7	7440
Jes			39.0		• ^		74	52.6	• 1			52.7	7260
JIL			• :				-2.1	64.1	•1			64.1	7439
۸۵۵	-	• .	76.			•	76.5	63.8	• 3		•0	63.9	7440
475			72.4		•	•	72.4	75.3	•2			25.5	7260
OC 7			? 1.5		3.3	.1	26.7	16.1	• 3	•1	•1	16.5	7447
NCV			2 5	•1	19.4	• (76.0	12.7	• 3	1.3	•2		7190
ባይሮ			14.4	•.	-1.4		42.0	13.4	•1	4.6		18.0	7440
TOTALS		• ü	-2•:	• "	14.7	•6	34.5		• 3	2.5	•1	29.4	87635

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- MOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
 - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
 - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

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GENERAL CERMATOROSY DEALER CATEFAC ATTOROST OF STORY OF A

XXWEATHER: GONDITIONSX

STATION	STATION NAME	3-14 50-03 YEARS	MONTH
STATION	STATION NAME	TEAKS	MONTH

CONTAGE OF CAYS WITH MARIOUS ATMOSPHERIU PHENOMENA FROM FALLY COSER WITIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOXE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
J1".	AILY	ļ •	1-4.	1	ئەت.		<u> </u>	75.41	-ĉ.	22.7		57-6	1.54
			7	1.:	1.5		27.6	76.5	<u>ء</u>	35.8		57.5	95.8
v .				. 1	7		75.4	1	- 4	25.0		56.3	1050
***	:	•	<u>•</u> _	•.	12.3		20.1	: 3.4	1.7	5.6	1	52.1	1872
í					- 4 -		-(•4	17.2		-5	1	51.2	: 7-
<u> </u>		•	·•-		106		11.0	70.0				75.4	1046
Ji							:4.	غمسة	7			95.	1051
·	: •	i 					1 2 • 14	406	1.2			54.6	1.43
<u> </u>		1	1.0			• 1	74.2	53	7			55.5	1014
; · •	İ	• -	<u></u> .		1•	1.6	<u>80.3</u>	42.5	.9	•5		9.30.	1052
٠.		. 1	41.3	. 4	~3 <u>•</u> 1	•1	64.3	79 . 2	3	. ق		44.9	1.44
J L		• 2	45.5	.5	1.4		15.6	31.8	4	22.5		49.6	1.49
TOTALS		• 1	n : • 6	• 3	66.S	• ?	89.	12.6	1.	1 .0	. 3	(C.5	12468

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USAPETAC POIM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OSSIGNETE

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given arounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and manual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided size the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY	PRECIPITATION	".00"	equals	none	for	the	month	(hundre	dths)
EXTREME DAILY	SNOWFALL	".0"	equals	none	for	the	month	(tenths)
EXTREME DAILY	SNOW DEPTH	"0"	equals	none	for	the	month	(whole	inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each yearmonth and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

NOTES:

- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

U. S. Navy and National Weather Service (USWB)

Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 57	at 1230GMT	Jul 52-May 57	at 12300MT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

SLOPAL SLINTEDLOTY ""ANCH USAFETAC AIM LEATING SERVICEZMAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

7 014: _ FIVE AFD 8; 03-54, 59-83

STATION STATION NAME VEARS

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i						AM	OUNTS (II	NCHES)						PERCENT		MON	THLY AMO	UNTS
PRECIP	NONE	TRACE	01	.02- 05	.0610	.11 25	.26- 50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	OF DAYS WITH	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1 4	1.5-2.4	2.5-3-4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4	MEASUR- ABLE	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4.6	7.12	13-24	25-36	37.48	49-60	61-120	OVER 120	AMTS				
MAL	2.3	2.4	7.1	27.5	14.	12.7		1.9	• ~					69.3	1085	2.38	4.63	1.24
FEB	2.7	79•6	û •5	25.0	17.2	12.5	٠.	1.2	•					FB.1	989	2.01	5.03	•72
MAR	'? • 1	73.5	3.7	25.4	1 '• 1	12.4	n	1.4	• •					£2.5	1084	2.06	4.86	• 4 2
APR	٥.	36.9	1 • '	1: •9	۲.3	9.6	₹.0	1.5	• 11					13.0	1/150	1.75	3.97	. 34
MAY	17.	7 ક•વ	7.5	18.5	7.6	2.8	٠.٬	1.5	• 7					49.8	1085	1.86	5.44	-14
MUL	1^.	43.6	11.0	13.0	6.0	7.2	7.4	1.3	• 5					44.4	1053	1.56	3.60	-14
JUL	7.7	12.4	₹.1	14.	6.5	E . 1	6.0	3.0	• 9					47.8	1 82	2.62	8.71	•72
AUG	: · • ·	34.8	1 1.2	15	6.1	1 . 3	6.	5.4	1.4				<u></u>	-4.4	1084	3.30	7.08	•72
SEP	14.8	25.5	3 ⋅ 3	16.7	9.8	9.7	5.9	4 • 2	1.1					55.7	1080	2.85	5.06	•62
ост	۲.5	:1.7	7.5	~1.9	14.3	14.9	8.2	4.8	1		• 1			72.8	1115	3.81	8.59	1.85
NOV	3.1	27.3	7.4	23.7	14.7	16.9	7.6	4 • 1	1.7					76.1	1078	3.83	7.06	•95
DEC	7. 2.	29.4	7.5	21.0	13.7	17.1	6.7	1.9	• "					67.7	1584	2.68	6.00	.78
ANNUAL	7.4	32.5	8.8	19.9	10.4	11.7	€.₽	2.8	• •		• 1			60.1	12869	3 7. 71	\bowtie	\times

USAFETAC OCT 78 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLIFAL CLIMATOLOGY DRANCH USAFETAC AIR AFATHIR DERVICEZMAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

TATION STATION NAME

YE. -B

29 HI A AMOUNTS IN INCHIS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	.!UL	AUG	SEP	oct	NOV	DEC.	ALL MONTHS
1; 7						· •74	* • 56.	.78	• 4 ti	•63	.94	.12	
t: 14	4	2.17	• nd		.23	. 24	7 34	5.4	30	* •91	* 76	.43	2.13
4	. 3 ?	. 1	. At T.	. 37	• n i		• 5 3	. 63	.57	•92	•61	۵۰.	• 92
4 _	• 3 7	. 10	•13	• 7.3	• 6	• 3	. 44	• £ Z	.52				
· 4= -	•		• 74	• L 57	• ^ %	• 1	• ₹.4	•79	1.9	• 20	•76	.74	1.71
f1 '-	•	• 35	• 4 2	• 7.7.	7		•	1.27	1.65	1.13	1.08		1.5
I1	• P.	• 917	• 1. s	• 7 1	• 1	• 1	•	.76	• 58	• 5 3	1.14	• 2 3 €	1.14 1.71
			. •37	. 1.55	• ? 7	4	•74	45-34	1.19	•27	. 26		
	• * 1	. 54	• 15	• .0	• 4	• · · · · i	• 41.	4 ,	•12	• 5.4	•18	.17	
· - 	• 7 1	· · · · · · · · · · · · · · · · · · ·	+7.5	• <u>=</u> €	. 1.17	1.11		- 71	7	1.13		<u>•£1</u> #	1.5
	• 411	• 67	1.21	• < 6	• 12.	1.50	1.40	1 • 7	1.29	• 97	1.59	1.3	1.59
4	. <u>•5.</u> ‡	_ <u>1.54</u>	1.44	- 5	• ? q	• <u>:</u>	+						
-		_			_ [1.29	• 46	• 26	.42	
	3 1	• 🚉	• 24	•	• [4	• 1 1	• 7 છ		1.35	• 55	.33		1.3
	• ? }	• 37	• ! 1	• 4	• 7 1	1.00	•61	1.51	.47	• 95	•50	• 5 6	1.51
			45	• 27	• 70	2 • 24	- 55	1.66	• 79	5 - 20	.74		5.21
	• 1	•13	1	• 6 /	• ₹d	• <u>[</u> A	• = 4	2 • 2 4	• 5.1	.61	.92	•?6	2.24
		•:4 •:4	• 5	71	57	- 74	- 75	-65	•°5	1.27	1.74		1.74
, i					. 46	• 7 4	• 9.7	-8£	• 5 &	88.	-82	1.15	1.15
- 6 c	3 1	.79	•18 •71	- 11	•59 •77	- 45	1.91	•67 •51	1.99	•28 •91	1.17	.29	1.99
	• 37	. 9	-26	14	4 5	• • • •	19	1.05	1.99	• 46	.24		
6:		.19	- 38	1.23	.62	19	• 35	1.46	.81	• 40	.74	. 23	1.46
7	- 34	.29	•25	.60	.42	• 17	• 3 D	.99	1.09	• 75	1.31		1.31
7:	• 56	.23	. 77	.78	- 32	- 8	1.14	1.75	1.21	1.21	1.26		1.7
7	64	. 34	59	87	62	97	.81	.65	38	. 84	.59		9
73	• 3 1	•5a	•52	• 73	• 41	80	- 34	.61	.86	.89	1.79	-66	1.79
74	1.24	.68	53	.32	1.46	-7	5 d	1.58	.59	.78	.57		1.58
75	• 43	.46	• 38	•77	- 52	-64	•51	49	.87	1.16	.48	.77	1.48
76	7 3	1.08	.52	• 5 3	. 34	. ed	- 40	79	.73		1.13	- 1	1.1
MEAN													
\$. D.													
TOTAL OBS.	1												

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC MIN DODS (OLA)

CLERAL CLIMATOLOCY SPANCH MEAFETAC AT AFATHER SCHVIC- /MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

STATION STATION NAME OF STATIO

THE MOTER AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP.	ост.	NOV.	DEC.	ALL MONTHS
17	• 1	• 43	. 34	.27	.71	• ft	.79	• 6.7	.72	1.22	.37	1.11	1.22
7.	• 5.3	• 50 *	~ ~ 4-	• 26	. 69	- 86	<u> </u>	• 9 9	1.59	.31	1.62	.49	1.69
7	• •	119	• 78	. 76	• 9 6	1.29	1.00	• ¢ 4	1.70	1.03	.71	• 5 9	1.29
	• 5 4	• 54	• 34	• 36	. 8	. 6	.84	•88	. 30	•60	86.	•42	.88
•	• 7 <i>6</i>	• 46	.45	1.17	• 1 9	• 4	-64	• 6 2	• 5 3	• 4.7	1.60	•47	1.67
	• 4	• 78	. • <u>5</u> ડું.	• 76	• 4 5	• < 6	• 27	1.51	•71	1.10	1.15	1.3	1.51
•	• ' .	• 13	• 1.3	• 35	.67	• #a	• 4 1	-88	• .0 7	• 76	-60	ŀ	
•	•	•										*	
•	··- •	- +		· · · · · · · · · · · · · · · · · · ·		- 						t	
+	+			- -									
•	•	+		+									·
•	~ ·•	•	· · -					+					
	. •		+	·									· · · · · · · · ·
· ·							<u> </u>						
			į										
Ī			İ										
-		+		+						+			
		+	+						+				
MEAN	. 1.24	• 5 रा	.452	.519	.544	• 5 5 4	.730	.947	.830	. 916	.889	.577	1.510
\$. D.	.271	• 4 8	.293	.336	•322	.378	. 3 9 2	•436	.416	. 796	. 464	. 291	•797
TOTAL OBS.	10.55	989 NOT	1384	1050	1.85 LESS 1	1 253	1082	1084	1080	1115	1078	1 784	12869

EMF ETAC MAN GOS (OEA)

GLOBAL CLIMATOLOGY BRANCH UCAFETAC A1 WOATHOR SERVICEMES

MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

TATION STATION NAME

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN,	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
						7.1	· - · · · · · · · · · · · · · · · · · ·	7.6%	1.45	3.1	2.95	•78	
14	1.13	4.67	1.13	1.77	. 65	60	2.67		1.23			1.71	*27 . 29
4	1.43	1.0	7.77	1.04		1.75	1.60	1.50	1.71	3.51	2.75	1.8	26.98
4 -	1.5	1.25	7:3			1.71	1.53	2.13	1.36	29		1.43	*15.99
· · · · · · · · · · · · · · · · · · ·	7.13	75	1.00	• 3 1	- 74	44	2.31	2.19	2.19	1.85		3.7	?1.24
12 -	1.02	• 72	1.27	1.76	.15	• • •	7.03	5.25	4.45	4.41	4.46		*31.98
11	7. 1	7 . 2	7.47	1.01	7.29	- 4	1.52	7.21	7.31	3.45	2.80	4.11	31.16
÷ ·	4.1 (5.03	1.27	3.27	7.57	1.74	4.6	1.84	3 . 2	1.88	.95	2.681	32.96
	7 . 2 %	1.67	. 46	1.19	1.74	• 20	د 2 • 1	.72	•62	3.72	1.24	1. 4	15.87
<u>ئ</u> ر `` د	2.13	3.33	4.5	1 . 4 1	3.61	3.6	7.91	2.78	_3.5a	4.61	5.17	3.16	44.05
7	3.7	1.21	0.85	1.72	3.1	3.59	7.55	7.43	4.14	4.8"	7.96	2.91	42.16
- u .	2.04	4 • 7G	• 7	1.75	- 44	1.54							
۳) آ	-								3.74	4.04	2.38	3.37	
. 4	2.97	1.73	1.05	. ∘a	1.74	- 1	2 • 5 2	1.26	3.71	3.58	1.64	1.77	24.44
- T	1.44	1.62	• 42	• • 71	7. ? 7	٠.٠	1.65	4.57	2.21	3.11	2.21	1.65	25.19
	. 1.91	2.51		. 74	1.0	2.71	7.57	7.24	2.55	٤.59	3.04	3.44	38.17
	1.51	• S Q	1.42	1.18	್ • ≎6	1.52	7.47	5.92	2.25	3.3	3.11	1.78	27.99
-1	1	1 . 28	1.35	1.91	1.20	7.73	2.40	2.55	5.76	4.20	4.24	3.67	32.11
	• •	· 6	1.29	1.33	1.84	1.19	4.17	3.28	2.30	3.65	5.36	5.00	35.07
4	14	1.57	•65	7.14	₹. ^4	• 57	1.27	2.31	1.95	1.90	5.40	1.48	25.43
5 ·	. 34	1.66	3.50	1.54	1.98	. 71	F.71	2.1	4.73	4.37		1.67	36.90
6.1	1.77	• 73	• c 8	-67	1.36	• rd	• 72	1.88	2.26	2.78	,99	2.33	17.27
6 7	4 . 4	1.55	2.12	₹.77	2.23	• ° 1	1.62	7.13	3.73	3.40		1.66	34.76
<u> </u>	1. 4	1.51	•37	1.77	1.84	• 97	3.19	2.65	3.19	3.38		3.28	28.99
71	1.34	1. 4	7.35	2.16	• 77	1.08	3.62	3.76	4.15	3.13		2.73	34.42
70	2.79	. 77	°•31	3.48	1.07	2 • 39	ୁ? ₀ାଞ	1.34	1.70	3.72		1.88	26.88
7,	1.2	2.33	1.61	1.43	1.64	1.77	1.55	1.7	2.57	3.89		3.18	27.97
74	7.37	2.46	2.39	2.16	₹.04	1.25	7.09	7.08	2.62	5.23		3.48	40.41
75	?•3	2.69	1.46	2.34	7.63	1.68	1.30	3.14	3.30	8.10		4.17	41.16
76	₹ 11	₹.45	2.15	1.81	1.72	2.52	2.71	4.27	3.57	3.37	3.64	2.52	34.75
MEAN													
\$. D.													
TOTAL OBS.													

NOTE # (BASED ON LESS THAN FILL MONTHS)

USAF ETAC MONA 048-5 (OLA)

1

OF MAL CLIMATOLOGY OF ANCHORS OF A TOP

EXTREME YALVES

MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

7 14 STATION NAME

TOTAL MONTHLY EMPOIPIT WICH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP.	ост	NOV	D€C.	ALL MONTHS
77	. • •	1	36	1 . 3	1.75	1.7-	•	7.56	7.66	7 • 32	2.05	3.64	29.3
7	• • • • •	2.14	1.1 <u>ui</u> 2.32	7.25	- 1.34 1.06		• • •	1.17	3.55	2 • 25	6.76 3.92	7.45	*32 • 81 37 • 3
•	4.5	1.71	2.02	. 6	7.7		1.49	7.5	1.67	7.23	3.89	1.65	25 <u>.</u> 7
, : •		7.73	1.67	- :: · · · · · · · · · · · · · · · · · ·		14	~ ~ ~ ~	7 . 23	7.73	2.36	5.02	3.43	71.1
	* £ 4	3 · 3	3 . 4 7	2.78	1.03	1.89		• 11.	2.26	3.38	4.15	₹.71	36 - 9
, *	1.7	1.1	1.17	7.77	1.76	1 . 7 3	1.6	5 . 4 T	7.PS	6.15	.21		
•	•	•	*		· • • • • • • • • • • • • • • • • • • •	- · · •		*	· - · · - · +			1	
*	•	•	•	٠	+	+		•					
•	•	•-		•	į	•	•	•					
		•		•		•	•	•					
•													
							•			·			
							•	·	į	į	I		
*	•	•	•	•	•	• •							· · · · · · · · · · · · · · · · · · ·
*	•	•		- · · +	• +	* 	-+		+				
	•	· ·· +				· — — †							
*							+		+				
	+			+	+								
MEAN S.D.	2.37	7. 13 1. 01	2.64	1.747	1.863 .992	1.564 9-9	2.620 1.532	3.206	2.850	3.810	3.832	1.150	7.32
TOTAL OBS.	1033	989	1 84	1350	1085	1,53	1082	1384	1080	1115	1:78	1084	1286

USAF ETAC MAN 0485 (OEA)

(1

GERTAL CHIMATTLES FIRMS USAFETIC ATH FEATHER SERVIC ZEAL

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWF ALL (FROM DAILY OBSERVATIONS)

7: 014 JENNA AER N. GO-83
STATION NAME VEARS

ĺ		AMOUNTS (INCHES)											PERCENT		MON	HLY AMOUNTS		
PRECIP	NONE	TRACE	01	02 05	06-10	.1125	.26- 50	.51-1.00	1.01-2.50	2.51-5.00	5.01.10.00	10.01-20.00	OVER 20 00	OF DAYS			(INCHES)	
SNOWFALL	NONE	TRACE	01-04	0514	15.24	2534	3 5-4 4	4.5-6.4	6.5-10.4	10.5-15.4	15.5.25.4	25.5-50 4		MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37 - 48	49-60	61-120		AMTS		ļ		
JAN	1.		24.0	24.5	3•€	7.1	: • *	• 5						52.9	1.723	13.4	4. • 5	
FEB	.> •	₹4.3	0.7	70.3	* • Z	1.6	1.0	1.3	• 1	• 2				50.1	932	14.4	32.8	1.1
MAR	. •	39.7	27.	15.9	7.0	i.	1 • "	• 5	• 5	• i				50.1	1322	12.4	46.	?•6
APR	23.0	47.0	17.1	a • 8	7.7	• 7	•							22.9	990	4.7	13.1	. 1
MAY	₹.	9.	4.5	• ĉ	• c	• 1	•							7 • :	1 23	1.3	6.3	TRACE
אטנ	o. c	1.	• 7				_							• 1	995	TRACE	• 1	
JUL															952	.~	• 0	• 0
AUG	.a.ડ														992	TRACE	TRACE	
SEP	67.	, .													991	TRACE	TRACE	• 5
ост	٤4	:7.	4.1	1.3	• 1	• 1	•							5.7	1023	• 9	4.3	TRACE
70	? 2 • 3	38.4	21.7	13.4	2 • n	• 9	• "	•2	• 1	• 1				39 • 2	989	9.9	29.3	• 7
DEC	17.3	35.	21.0	19.4	6.1	2.3	• "	• 3	. 3	• 1				51.2	991	15.7	33.0	3.2
ANNUAL	.1.2	24.3	12.5	5 • 5	3.1	• 7	• 14	• 2	. 1	•				24.5	11957	71.2	\times	\times

USAFETAC OCT 78 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL.PAL CLIMATOLOGY DEANCH UTAFETAC AT SCATHES SOLVICIZMAC

SNORFALL

(FROM DAILY OBSERVATIONS)

STATION STATION NAME

24 PUPE AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
4	a . 1	3.9	1.5	2 • :	והאני		•	 c+	ن . ن	• 2		1.0	?•
4	٠. ٠	3	2 • 4							2		3.5	7.6
ij	• 1	2 • 4	4.3	• 1	TRACE	• ,	• 1	• 🌣		• 4	2 • 9		4.3
- 4 - +	_3 • _1		2 • 🛂	2.7				_	0	IRACE	2.5	2•ε,	9.4.
	• 1	4.2	3.7	2.	• 5	•	• 1	• ti		TRACE	• 4	1.0	4.1
· - <u>-</u>	4		1.4						TRACE	TRACE		<u> </u>	
	7 • !	4 • 8	7 • 7	• 7	• 41	TOACL	• 0	• U	• 🖟	TRACE	6.7	4.4	_
	4.4	4 • 7.	11.8	3				4	TEACE	4.1	11.2	2.5	11_41
r 4 "	# T	15.3	2.12	1.5	2.2	TO A OL	į	!	:	- 1	1	1	
<u> </u>											1.6	3.9.	
5 1	5.0	1.2	_ 4	1.5	1.	•	• 1.	• ⁽¹	• 1	. 7	1.3	2.7	3.9
1_1		<u>4.8</u>		3.2	1.					- 4	• 5	1.3	4.5
	- • 1	3.5	2 . 3.	• .7	TOACI	• 1	• 7	• • •	•	• 2	2.	1.3	3.5
. 43 4.		1.1	1.6	1.5	TRACE	- • 1			•9	9	3	2.6	2.
4, 4	. • म	2.4	1.2	3 • 1	• 3	•	. !	• 7	TRACE	• 3	1.8	2.9	3.1
	1.1	2.0	1.7	2.7	3.	TRACE		• 11	TOACL	<u>.</u> 4	2.1	5.5	5 . 5
· 6	i • i	2.1	• f4	• 5	. 4	. 1	• 4	• 17	اد .	TR 4CF	. 4	3.0	3.0
6	3.1	<u> </u>	2.1	3	1 FACE	• 1		• 4	TRACE	• 1	. 4	1.5	5.3
6.	· • †	• 6	1.1	1 • 4	. 3	• 1	• 3	• 1	TRACE	•6	2.6	2.7	2.7
67	2.4	2.2	3.3	1.6	- 5	TRACE				3	2.0	2.0	2.5
7	1.	2.9	2.5	2.6	• 5	•	•	• 3	• "	• 2	1.0	3.4	3.4
•	7.4	1.7	1.0	1.5	1.6	TP A CE	• 1	• 1	. • 1	• 1	1.5	2.2	3.4
7	4 . 1	. 4	3.5	1.2	TACE	• 1	ت •	• 0	• 0	TPACE	1.3	1.2	4.7
7.3	• 9	2.0	1.2	2 . 8	3.9	• 1		• (• 1	-1	. 3	3.0	_ 3.0
74	• 1	3.3	3.8	2.8	3.4	• 5		• 2	• 11	3.0	4.8	8.0	8.0
75	3.	3 • •	2 • 3	4.3	1.7	TRACE	c.	· a	· a	1.4	4.2	6.6	6.6
76	4.1	11.3	4.7	1.9	.6	•1	•0	• 0	TRACE	•6	3.8	2.0	11.
7	1.2	4 . 5	3.3	• 9	1.3	••1	• 4	• 0	• 4	1.0	1.5	11.1	11.1
77	7 - 1	5.1	2.5	1.3	• 2	•	• U		•d	•6	• 5	2.5	5.1
79	1.4	4.9	2.1	1.9	• 3		• 1		TRACE	.1	4.0	5.9	5.9
MEAN				-									
\$. D.													
TOTAL OSS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)



GLIFAL CLIMATOLOGY FRANCH UPATETAC AT WEATHER SPRVIC MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

7 + 14 STATION STA

47-54, 55-

YEARS

THE HE & AMOUNTS TO INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.	ост.	NOV.	DEC.	ALL MONTHS
4 2 1	5.	2.7	2.0	1.2	I CACI	•"		• (• :	TPACE	3.0 7.6	4.2 4.7	5.7
• • • •	4 • :	0.8 1.2	2.2 1.6	1.4	• 7	•	•		TRACE	•1 TPACE	1 i.8	3.4	4 . f
•	•	•	•	•									
•	•	•	•	+		+		*********				1	
	•	•				+			 			#	
···· - 	•												
+	•		+			·	+					1	
· - +	•	· · · · ·	•	-									
· · - •											-		
		-											
*		-	-										·
	- +			-	,		-						
		`	+		i								
•													
4													
i		i											
MEAN	- 24	3.005	7.90	1.64	.69	• 1	• 00			• 59	2.47	3.40	5.5
50	1.331	3. 34	2.211	• 0 = 2	.948	.017	• 000	•600	•000	• 916	2.321	2.210	2.67
TOTAL OBS.	1 2]	932 NOTE	1 ~22	997 SED ON	1023	991	99 IILL MO	992	99 0	1 0 23	9 89	991	1195

IRAS STAC PORM GARA (OFA)

GEORAL CLIMATOLOGY REANCH OLAFETAC A7 MEATHUR SIRVICEZHAC

TARREST VALUES

(FROM DAILY OBSERVATIONS)

T 14 STATION STATION NAME

-34, 59-8" YEA

TOTAL MOSTHLY SNOWTHE IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	oct.	NOV.	DEC.	ALL MONTHS
4	10.4	12.2	i • \	2.3	TPACE		• 1	•	• 1.	•2	* 5.1	4.6	* 49.
4 "	1201	6.5	5 . 1	•3		_ • 4				2	5.4	21.5	50 . 5
A -	1.1	5.5	5.7	• 1	I AC	• 1		• 0	TPACE	• 7	5.1		
4	14.1	. • 1,	• 3	€ • ?.	LTAC		_	الخف		LIZACE	17.3	19.1,	
*	• '	t ? • 7	1 . 7	7 . 🗅	• 5	•	•	• •		TPACE	. 7	5 • 5	44.0
71	٠	1 5 . 5	J 🕳 🕮	4.4	• 3		ــو ـ	<u></u> 2			2.3	5.3	49.
•	15.	71.3	73.7	2.	• 4	TRACE	آ. •	•0	•9	TRAJE	20.4	3C•3	114.
7	21.4		43.03	3.6	<u>3 e 1</u>				IPACE	4.7	29.3	17-3	146
· 😽	13.1	12 • 8	7 • (2.3	5.9	TRACT						ļ	i
r											10.9	31.3	
	24 • 4	1 .6	4.7	3 • 4;	i • i	. 1	•	• •		1.3	9.1	1 7	
_ =(-	15.4	1.	به ن	4.7	1 • 7		• ઍ				4.1	3.2	61.
, ,	0 • 1	18.3	13.6	• 3	I AC	• !	• 1	• [1	• 0		11.9	7 - 4	59.
_ †3 ∔ .			ب و د	4 , 5,	LIACE		ب دف		Li	1.7	7	9.0	29.1
5.4	~ • n	1 6 9	9.6	13.1	• 7	• 1	• 4	-	TRACE		6.7	15.9	77.
		11.8	_ 3 .4,	3 . 24		TRACE					ŝ• ć	15.3	58.
6	1 • 1	$1 \mathbb{Z} \cdot \mathbf{I}_{i}$	2.5	2 • 5	. 7	• !	• -	• ₫		TRACE	1.1	0.6	42 •
6 * 5	13.4	17.1	6.7	1.4		- · - •		9		•1	<u>6 و ن</u>	7.8	49.
5	> ∤	0 - 5	3.0	4.7			•	• 3	TRACE		6 • 6	6.9	34 •
-53 -+	1,.5	16.7	14.7	4.8	<u>1 • :</u>]					• 9	6.7	13.3	72.
71	1.4	15.0	7.5	10.2	. 5		• :]	• 1	• -	L)	2.3	12.5	53.4
	5.4	7.7	4.5	2 • 4	2.6				• 3	• 1	8.6	13.9	45.
73	10.	1.1	7.8	2 • 3	PACE	•9	• 0	• ជ		TRACE •1	9 • 8	5•2 10•9	44.
74	0.1	11.5	3.7	6.2	6.3						11.5		90.5
75	7•9 1.•a	19.8	15.3	13.7	4.8	L	• 9	• S	•0	3.4 2.4	21.6	23.4 33.0	120.
76	14.3	24.9	19.7	10.7	1.4	- C	•	• 3		1.3	1:.6	15.1	98.
77	14.3	22.7	22.4	2.5	3.6	n.	• 0	0		1.4	6.9	28.2	151.
7:	5.9	12.1		5.1	.2		• <u>·</u> ··		• 3	- 0	2.7	21.9	* 53
7.3	9.	14.4	12.4	1 8	. 4		:3	ď		.1	13.4	20.9	82
MEAN		1707	16.7	1 . 0 C	9 -8			• • •	INACE				
5. D		+											
TOTAL OBS.			+	+									t

NOTE * (PASED ON LESS THAN FULL MONTHS)

USAF ETAC MEN 048-5 (OLA)

GERRAL CLIMATOLOGY GRANCH LEAFETAC Al- REATHER SERVICEZHAC

MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

TOTAL STATION NAME STATION NAME

TOTAL MUNTPLY SNOWF MIL IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP.	ост.	NOV.	D€C.	ALL MONTHS
1	40.5	15.7 15.3	19.6	1.4			• 1	. j		TRACE	15.7 11.9	13.9 25.0	79 • 6 113 •
		10.8 5.5		4 • 1 <u>- • 2</u> ,			•	• 0	TRACE	TRACE		16.5	87.
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· · · · ·		•						:					
	•			:			1		1			1	
· - · · · - †						-		•					
	- :												
***			-										
	+												
	·	- 					<u>-</u>				_		
	·	<u>_</u>			<u>-</u>								
							; 						
8		 											
MEAN		14.40			1.27	• `0			TRACE	.87		15.70	72.3
S. O.	8.303		9.542		1.794	.017	.00	• E 0 0	• 000	1.097	6.599	8.037	30.07
101AL 086.	1023	932 NOTE	1022	990	1021	99U	992	992	990	1023	989	991	1195

GEORAL CLIMATOLOCY SCANCH USAFITAC ATH WEATHTH SETVICEMAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION STATION NAME YEARS

						AM	OUNTS (I	NCHES)						PERCENT		MON	THLY AMO	UNTS
PRECIP	NONE	TRACE	01	02 05	.0610	.11- 25	26 - 50	.51/1 00	1 01 2 50	2.51-5 00	5.01-10 00	10 01-20.00	OVER 20 00	OF DAYS	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2534	3 5-4 4	4564	6.5-10.4	10 5-15 4	15 5-25.4	25.5-50.4	OVER 50.4	MEASUR- ABLE	OF OBS.	MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1	2	3	4.6	7.12	13.74	25-36	37 - 48	49-60	61-120	OVER 120	AMTS			OREA ICS	
JAN	14.•□	~ 5.	14.7	12.7	n . a	10.	7.	2.5						61.7	1075			
FEB		. a	17.4	۰., ۴	11.1	· •	17.	2.4						72 • 4	978			
MAR		7.2.	1.	17.1	1 . 7		٠	2.7	1.7					-5 • ∶	1059			
APR .	40 • T	7.7 · .	5.1	:·•1	٠	1.7	•	•8	• "					17.2	1030			
MAY	•	5.	٠											• j	1079			
אטנ	~ •														t 50			
JUL	٠.														1095			
AUG															1085			
SEP															1080			
ост	- 5.	7.4	• E											• s	1111			
NOV	₹	^6•6	1 . !	4 • 2	7.7	7.3								70 • 3	1062			
DEC	23.1	3 1.1	14.	ი.3	~ .6	10.2	ęt .							46 . 3	1038			
ANNUAL	7."	15.	6.7	4.3	, .	5.	7.0	. 4.						22.5	12741		\times	$\overline{\times}$

() USAFETAC CCT 78 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETT

STARRE CLIMATALOSY FRANCH USARETAS AT PEATH - SPENIOSYMAS

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

STATION STATION NAME YEARS

DAILY SMOW DIFTH IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
EAR				·						+			
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-	+		· 2	(* <u>*</u>				-		49		·	
4				• -	,					J**	* 1	* ,	*
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		Ş			H ACT		. !	1			TOACE	- P	
	4									1 TPACE	ৠ		<u>-</u>
•		ج.	• 1	15.	•	,	1	- 4		TRACE	4	7	:
•		7.		TOACI									
•					1					G TRACE	3	£	
-	•	:		joart. ₹	4		_ · - ·			TRACL			
	•	P				1	,	1		TRACE	2	TRACE	
		- 4	. Y	TPACE	4					TPACE		<u>.</u>	·
•		- 5	٧			1	, t	1		4	TRACE	7 (
•	1	· · · · · · · · · · · · · · · · · · ·	74		TACE					TRACE			
	1	.*	.1		TOACH		1	1		1	1	~ #	
· ·	1		1	TOACH	<u>_ Thace</u>			- 1		1 1	TRACE	2[
5	74	9	••	THACE	İ	1	- 1	G		TPACE	TRACE	ا ۽	
٤	1	_ 4	7		PACE							4	
f. 14	1	7	d	•	MACE			1		TRACE	. 7	5.	
7	1.	9			TTACE					<u>a</u> 3	1		
• T	Ī	si		TRACE	1					TRACE	2	4	
•	1	PACE		TRACE	1	٠				1 .	3	2 1	
*		5	TPACT	TPACE	•	i	-	i.		ri o	TRACE	3	
7 · 1	1	4	ц		TOACE	-1		3		d d	4	10	1
75	11	न	5	7	1			,		TRACE		12	1
76	1	6	(4	6	TOACH	1		3		TRACE	3	6	1
MEAN	-			-									
5 D										1		1	
OTAL OSS.				+						+		-	

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NOTE # LEASED ON LESS THAN FULL MONTHS

USAF ETAC TOTAL DOSS (OLA)

CLIDAL CLIMATOLOGY REANCH UC/FETAC AT STATHES SPOVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

STATION

STATION NAME

17-54 5 -67

....

DATE & SNOW DEPTH IN INCHES

MONTH	JAN	FEB	MAR	APR.	MAY	JUN.	JUL	AUG	SEP.	ост.	NOV.	DEC.	ALL MONTHS
- 7		70	2.2	2.6	LACE			 i		TRACE		11	
7.		· · · · · · · · · · · · · · · · · · ·		TPACI	ì	1		1.4		TRACE	TEACE	3 /	
7	+	7	r.		TRACE		+			TRACE	6	3	
	1.4	٤.	t;		FACE			- 1	,	TRACE	9	7 ,	1
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5		4	1	TOACL	1	- 1	1	:			1	5	
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					+	+							
; ii		i		1		i			ĺ	1		Ï	
MEAN	5.	7.6	5.7	2.5	.7	****		7	• 0	_ O	2.6	4.8	9.
S. D.	4.233	5.CR1	5.637	5.351	•35.2	• 271	./ 00	•600	• 200	• 171	2.302	3.139	5.3
TOTAL OBS.	1.75	978	717	1930	1079	1057	1085	1085	1 80	1111	1:362	1038	1274

USAF ETAC FORM DOSS (OLA)

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-wonth, however an asterisk () is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are svailable for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Heans and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Besufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

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CLURAL CLIMATOLOGY STANCH USAFETAC AIR SEATOTH STRVICTAMAC

EXTREME VALUES

SUPFACE WINDS

(FROM DAILY OBSERVATIONS)

TATION STATION NAME
STATION

- N E 0 - 3 ..

YEARS

DAILY PEAK CESTS IN KNOTS

MONTH	JAN.	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP.	ост.	NOV	DEC	ALL MONTHS
ži.	, S.W	MINK 6	3MNH 56	k' 491	8.9 FO	SF 77	y ey i	7646 0	FSF F7	γ. – t	SE 51	SE Ec	WSW
4	. 38 B.	11E 6	<u>395</u> . 6.1	35 . OF	115 .9.3	ENE 43	$M \subseteq M \otimes I$	SENSAS	14Sm 62				
<u>e</u> :		. 7	USW 71	FSF#61			74 26	: J	사 3:57		₩ 64	₩ \$56°,	
71.		V 35	3W #50	21 4521	* ****	<u> </u>	- Mk 3	7.× ?	855" 457	<u>63</u>	WSW 70	5 65	
٠,	ر جيءَ جي	iF 5	6MW 77	୩୭୮ ଅଞ୍ଚ	v6	y 43	C.M.	7WSw 3	3NME F1	SSN 59	SST 51	MNM at.	WNW
	INC. E.	15 x 7	ભૂકુદ્રા કુલ્લ	SC 461		555 35	:154 1	INN"	9 SE 36	S 55	SS¥ 59	SST [3]	_ <u>\$</u> \
· . · ·	"⊹5¥ 69	CHF 7	0145W 63	ម្ភា ១៨១	Ja 55	NNW 7	N NW C	Dissr 3	255W 48	WSW 57	ESE 56	พรพ 76∄	EME
· •	. N¥	10	AMNE 041	S[*465		SW 13	SF 5	THISH 4	SW'W 49	W 66	SSC 74	ENE 54	SSE
- t,	7	5 SE 5	9,5, 77	HEW SEIS	SF 16	MME TO		1	1			į į	
F.,								_i	NE #50	E 75	N 55	SW 1784	
•		1.	GASN C	SE 50	46	er "4	일일	7WS 4 2	£S 51	TNE 68	¥ 77	SE 65	N.
	. 5: 7:	(5 v 5	GENE CE	v 531	CV 54	SW 48	e = -	3NW 3	S 49	₩S₩ 65	SW 60	E 5	SSE
•		. ·	USE SO	45	. 56	h 5	· ·	1455k 6	3N 61	SSF 56	WSW 63	W 65	SSE
	+ N.C. 4	je	gr 51	s sag	56	WSW 14	· •	35W 6	WNW 46		S 75	SE 52	S
. 4	•	F = 7				SSF "3	r t	USS + 4	5WSW 59	55 72	SSW 76	SSE 78	SSE
	r	13.	25. 64	* 74	, ,	SW 76	5 (SSW 5	2N 46	SE 69	SW 73	SN 77	SW
•			9NE 51		. 65	SE 75	PENE	9'N 4	5SE 47	SW 54	SST 66	SE (1	SSW
6 .	•	1.	35 6th	N 59	Com an	INNE 33	<u>ر</u> ا	195 4	SINNY 61	WNW 56	Sm 66	SSW PZ	S 1
5	• (i. ž	1NN 67	Sh 531	ϵ	5 70	٠ -	SNE 3	7NE 53	W 60	N 72	SW 74	SW
•	51 .7	1 , 7	ZINE GIT	St. 825			W 5 1.	3N 4	155 ¥ 43	NNE 52	N 64	SE 61	SW
•	SF 5.	N TO	डोक्ट र ।			N F3	WSK 4	ZNNK 5	35 59	5 73	WSW 71		<u> </u>
- :			4455 68	SE 581	47	SN 59		1	7NE 47	5 78	NW 67	SM 84	SW
•	9		7.7	WSW 7'		5 48	T NE	144 7	2NE 53		Sh *63		N.
73	7 1	•	11SH 68			35/ 33						20/ 69	ŝ
74	.		723/ 56	14/ 49		11/ 41			223/ 45		17/ 72		\$ 17/
7)	~ / 5	7		22/ 53							31/ 75		31/
				32/ 57							26/ 60		31/ 5/
		1	7 1		• • • • • • • • • • • • • • • • • • • •							22/ 67	25/
- · →												23/ 74	13/
,			821/ 50									28/ 66	32/
MEAN			7.4		. ,		~ ~ /	3, 3,	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>				
3.0		+	++	+		·		+	+-				
7AL 086			+					+					

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC MIN DOSS (OLA)

(BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GERRAL CLIMITOLOGY ROANCH UNATETAC AIN REATH SERVICEZMAC

EXTREME VALUES

SUPPACE WINDS

(FROM DAILY OBSERVATIONS)

STATION STATION NAME

1-54. 57-83

YFARS

GAILY PEAK SHSTS IN KNOTS

MONTH YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV	DEC	ALL MONTHS
		·3/ 59	3/ 74	17/ 45	2:/ 55	19/ 7/	11/ 3	3/ 37	23/ 4	24/ 51 22/ 51	21/ 771 26/ 60:	2/ 54	21/ 7° 26/ 6
	で/ 5g	17/ 53	5/ 67	21/ 66	2 3/ 54	2 7 57	10/ 4	18/ 46	16/ 51	247 65	19/ 651	37 62	5/ 6
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· - 												-	
MEAN	66.9	62.8	59.6	57.0	۲ ۱. 3	4 .4	39.7	42.5	-1.2	61.5	66.5	67.7	76.
\$. D.	13.320	7.979	7.314	9.666			6.069	8.581	8.894	8.318	8.3531	1.792	R.05
TOTAL OBS.	987	910	977	949	970	957	980	939	970	961	952	95.5	1157

USAF ETAC ACIAM DOSS (OLA)

(BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

SET ALL OL HE FACEY - MICH. CONSTRUCTOR - NOTES A MICH.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

91. V 4		j j = 0 j		
STATION	STATION NAME		YEARS	HAMAH
		/LL .EAT! _		g see⊸e res
		CLASS		HOURS (L.S.T.)
		COMPLTION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N					٠			. 2		1		11.7	14.
NNE					^ ·					ļ <u> </u>			15.1
NE					1.7		:.	. 2		1		2.4	19.
ENE			•	0.5	~ -	•	. 7	• 7		• :		1.2	4 .
E ,		•	1.0	3.0	1.1		. 4					0.9	5.4
ESE		•			1.5							4.0	6.0
SE	•		."	• '	• *		•	. 4				4	7:3
SSE		•		, r	- 6			• 5				5.3	8
S			1.7										3.1
ssw			1.7.1	• 12	. :		• -					11.	16.5
sw			1 . 3	· •	• 1		•					7.1	13.1
wsw					• (• ^					4	19.5
w				1				• 0				11	16.9
WNW			t.	1.	. 7		• ¬					10.	11.7
NW			1 1.	• ::								3.1	12.9
NNW			. 7	1.0	. 7			•:				3.7	14.4
VARBL			1										
CALM	><	\geq	$\geq \leq$	\geq	\geq	$\geq <$	\times	\geq	$\geq <$		><	3.7	
		2.3	14.4	27.7	16.2	1	F . ?	4.5		, ,		0.00	15.5

TOTAL NUMBER OF OBSERVATIONS

 $KL \simeq \hbar L \cdot \Omega L^{\infty} \otimes T^{\infty} L^{\Omega} C Y^{\infty} \otimes K \otimes \Omega H$. The ΩT

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

'1	1. A. S.	* _* ** *		JA*
STATION	STATION HAME		YEARS	RONTH
		THE PERMITTED		200 = 500
		CLASS		HOURS (L.S.T.)
		COMPITION	······································	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	+		•		` , F	•	. /1	• 4				11.7	14.5
NNE	•	•	•	7.1	•	•	•	٠,	•			9	18.3
NE	•	• 1	•		1.7		• !	. 1		•	. 3	9.2	17.
ENE		•		•			• (• -				9.0	.7.1
E				• 1	• • •	•	• '	• 1				9.4	15.7
ESE	1		• ′	• '		• "	• -	•				4.5	16.2
SE	•			•	•′	•	• (• 3				11.5	2 • 5
SSE		• (• /	•	•	٠.	•				3.8	17.L
5			•		1.,	• .		•				6.3	13.7
SSW		•		• ^	•^		• 4	• ^				4.	18.1
sw	 	•	•		• 7		• =	•	• 1	•.?		1.3	73.7
wsw			• '	•	• 2		• •	• -				7.0	11.7
w			• (•	• [• .				5.0	16.2
WNW			• *	• ^	•"	• "	• '		1			4.5	31.3
NW		• 11	۰۲	• (. 7	•			1			2.9	12.9
NNW			• "	• (?	• 0	•	•	• 3				3.9	16.2
VARBL	ļ		1		1				1				
CALM	><	$\supset <$	><	><		$\supset <$	> <	> <	$\supset <$	> <		3."	
			1	2.3.1	10.5	17.	6.5	4.1	. 4	.4		rra.c	15.9

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

•	4.0	,	- *		JAH
STATION		STATION MAME		YEARS	WOMTH
			ut tarma		4€ 7≖ 37
			CLASS		HOURS (L.S.T.)
			CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. •						• *					1:.2	15.
NNE		•	• 7	• *	1 .		• 0	•	• -			• 5	18.1
NE			•	•	- , /.		•			• "		. 4	1.6 . /-
ENE	•	•		7.0		• 1	• -	• ^	•	• 1		11.7	16.
E				•	•	• -	• .	• -		•		10.1	15.5
ESE		•	• 1	•	• '	· •	• ';	•				4.7	15.2
SE		•	•	•-	•	•	•	• 7				2.7	19.1
SSE		•		•			. 7	• c				4.8	72.4
s					1.1		•	• -				6.	15.1
SSW	·	•	•	•		•						5.1	17.7
SW		<u> </u>	•			•	•		•	• ?	T	2.1	27.3
WSW		•			7.				•			3.1	16. €
W			•	•	1.6					i		. 4	15.9
WNW		• ;	· •	. 4,								7.3	11.1
NW	•	•	7			 			1	l	··	7.0	14.1
NNW		٠.		1.1	7.		•		<u> </u>			(.	200
VARSL	<u> </u>		<u> </u>		† 	† <u> </u>	† - -	 	† — —	l	i		1
CALM	><		>>	$\geq \leq$	\geq	\times	> <	> <	\geq	\geq	\geq		
	j e t		14.3	25.7	18.7	50.5	L , '	(-		. 3		100.C	10.4

TOTAL NUMBER OF OBSERVATIONS

ME OFFICE COUNTY TO ALL CHI

 \mathbf{T}

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

t,	grand the state of	n = n · ·	JAP.
STA T100	STATION NAME	TEARS	00478
		LL STATIS	0.19=1,01
		CLAPS	HOURS (L.S.T.)
		COMDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	•			7.	•		• 11				1	1.5.1
NNE		•	•	• _	-	1.1	• `	. 7	.^			•	17.5
NE		•	•	• 1	2.	•	- '1	• :			_	9.4	17.4
ENE	•	•	• 7	7.1	• • •	•	• 1	• 3				(•)	15.9
E		•		•	7.	1.	• "	• 7	• 1	• ,		12.5	17.
ESE		•		•	•	•	• 2	• 7	•			4.1	17.4
SE		•		• 1		• .	• 7					3.7	16.6
SSE		•	• 1	• 7		• 1	• 7	•	• 5			4.1.	17.2
3	•	•	• /	• ^	7.	•	• ft	• 7				4.3	18.6
SSW	•	•		•		•	• -	• 7				3.1	17.0
SW		•		•	• "	7.0	• ^	• 1	•			4.5	71.4
wsw		•	•	• 1		•	• 6	•				3.	19.9
w			•		• "	•	. ~					4.5	15.8
WNW		•	•	• :	• ',	•	•					7.8	11.4
NW	•	•	•	• ?	•	•	• *	• '				3.4	15.
NNW	•	•	•	• ^`	• 3	•		• 2				3.7	18.5
VARBL												1	1
CALM		><	$\supset <$			$\supset <$	><	$\supset <$		$\supset \subset$	> <	₹•*	
	. :	•	19.	٠٠٠	15.6	1 ~ .	~. 3	4.5	• ?	• ?			10.4

TOTAL NUMBER OF OBSERVATIONS

0.7

CLA AL CERTATREBUY TO STOR

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME		YEARS	J / h
Station		CLASS		HOURS (L.S.T.)
		COMBITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		•		• "	$t_{!}$ σ	•	, r	• 1;				1 / 2	16.0
HHE		•	• 1	• -	1.7	•	• :	. 4		<u> </u>		- 4	7.7
NE			• ^	`.• ℃	2.7	•	• (• "				P.7	19.
ENE		•	•	7. 7	• • •	1 .	• (• 1	• "			₹•7	18.
E	•		•	• .	î • _	. •	• *	• 7				12.0	15.3
ESE	•	•	•	1.7	· •		• ′	- ?	• -			5 • 3	17.0
SE	•	•	•	.3	1.1	•	• 6	• "				4.0	16.5
SSE				. 1	• ^		•					2.0	17.4
s		•			1.	•	t.		I			5.0	17.
SSW		•		1.0	• 7		• ~	• *	• 1			2.5	7. • 7
SW	•	• 1	• (• ^	• 5	•	1 • ft	• 1	1	• 1		5.4	22.4
WSW		•		٠,٠	• 1.	• 1	• ~					2.	18.2
w	•	•	•	1.7	٠٠	_ ·						5.3	14.7
WNW		•		* . !;	• *							7.3	11.7
NW		•	• ?	•	•	• "	• `	. 5				7.9	17.3
NNW	•	•	• "	1.7	• -	•	• 7	• 7				3.7	17.4
VARBL													
CALM		><	$\geq <$	$\geq <$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	· • c	
			12.5	26.6	2.0	15.7	9.	4.1	• E.	•1		220.0	17.2

TOTAL NUMBER OF OBSERVATIONS

CHARL CLIEBTHOGY LANCH DISCUSSE A CATHAL STEVIC ZONE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.9	TO THE REST AND	:	J£1
STATION	STATION NAME	YEARS	MONTH
	4	LL OCATO	1.1 7=_700
		CLASS	HOURS (L.S.T.)
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	•	•			7.0	7.	1.7	, ,					* 5
NNE		•	•	-, t	1.5	_ •	• '					∵.7	:4.9
NE	. •	•	•	1.	7.0		•	• ^				3.3	19.5
ENE	•	•	•	•	• • •	•	* • U	• ~	• '			3.4	16.
£		•	· • 11	• 7	•	•	• **	•				• 7	15.7
ESE	•		•	• 1	•		• 11	• -	• '			7.3	17.9
SE				1 • ."	• • 1	•	•					4.4	15.7
SSE		. •	• /	• 1:	• 1							7	13.9
5				• t	• 3		• :					4.7	16.
SSW	•	•	• (٠,	•	•	• 7	. '4				4.3	17.8
sw			. 7	•	•,			• -	•			5.	12.5
WSW			•	•			• -					3.7	19.5
w			• .	. • 7	•	•	•					3.2	15.7
WNW		•	• //	• [:	•		• •				3.4	1202
NW		• .		3 • /	• ′	•	• "	. 7				3.3	17.2
NNW		•		. • *	• 1		•	• 1				3.4	16.6
VARBL	Ĭ												
CALM						$\geq <$		><	><	$\supset <$	$\supset <$	5.5	
			14.1	_5.^	30.5	1 -	8.0	2.0	• '}			1 1	17.

TOTAL NUMBER OF OBSERVATIONS 929

14 AL DE KOMMENDEN ANCH.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

٠.	- 大型 休食 とう か ぬ			JA:
STATION	STATION MAME		YEARS	MONTH
		Lt STATES		, a 5 6 – 2 , 6 5
		CLA98		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N				• '	11 2		• •	• '1				14.7	17.3
NNE		•	•	•	1 . 7	` •	•					3.3	16.
NE		•		• '	~ <u>~ </u>	•	1.5	• ₹	• ^			. • .	18.5
ENE		•			•		• *	• 7				ۥ5	15.4
E	•	•		7.	1.0		• .					7.1.5	16.3
ESE	•			•	^ •		• -	•				4	18.3
SE	•	•		• *	•	7.	• -					4.,	5.1
SSE	•	•		• "			• **					3.	15.4
S			•	' • '}	• "		• 7	• 1				4.7	14.5
ssw	•	•	•		. 1		• [• 1	•			4.3	71.3
sw			•		7 . 7		• -	. *				1 4	1.3
wsw	•		•		•		• *			• 1		2.3	1.5.
w		•	• "	1.6	•		•					4 . 20	- 4
WNW				•	• "	L•						3.3	11.9
NW			• '	٦٠	• 1	•	• 7		_			3 و ذ	16.4
WNW				•	•							/i . 1	13.1
VARBL		T	Ţ										
CALM		$\geq <$		$\geq <$	$\geq \leq$	$\geq <$	\geq	\geq	><	><	><	~• [?]	
		0.2	7	23.7	12.5	16.5	3.1	1.5	-	. :			1 1

TOTAL NUMBER OF ORSERVATIONS

Q.7.

CT TO COURT TRECOM FROM CHILD AND THE CHILD

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

·*	* * * * * * * * * * * * * * * * * * *		J # 12
STATION	STATION HAME	YEARS	NOMTH
	L1 ·	SATURE 1	17/0 - 23/0
		CLASS.	HOURS (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	, ,	7.	• 55	: , t:	2.4		• 5	. 5				10.0	16.8
NNE	•	•	•		• -		•					. 0	
NE		•	• • '	• *	?•\	•	•	• 5	•	•		1 .:	18.1
ENE	•	•	1	0.0	1.	•	•	• '				• 1	10.5
E		7.	1.	~			• c		•			0.6	14.0
ESE		•	• '	• !	• *	•	• c					4.5	17.6
SE		•	•	••	•		• ^	•^				4.	59.7
SSE		•	• .7	• 5	•	• 1	• ′	• 7				4.3	13.4
5					• 1.		• (1					4.4	5.1
ssw	1				7 . 11	•	. 77	•				9 • 2	18.3
SW	· · ·	•	•		1.1	• .	•	•	• •			5.0	15.
wsw		•	•	•	• 7	• '	• .	• 2				7.0	17.6
w		•	• "	• •	. 14	•	•	• 1				3.1	15.8
WNW		•	7.1	• 7	• ("	•						. 4	12.6
NW	1	•	7.	• "	•	• '	•						14.8
NNW		•	1.0	1.2	•	•	•					4.7	11.7
VARBL													
CALM		\times	$\supset <$	><	$\supset <$	$\geq <$	\geq		$\geq <$	><		î • i	
		6	1.5	20.4	18.7	17.5		ે.4	, ų	• :			15.0

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	*	<u>-</u> 1	JA۰
STATION	STATION NAME	YEARS	MONTH
	4.1	FLL	
		CLASS	NOVES (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N			•	7.0	2.	1.	•	• 0	•	•		12.	16.
NNE		•	•			•		• 3	•			9.	16.
NE		•	•	• ^	3 . 1		• 4	• 7	•	•	•	C.5	™3
ENE	•			• 1			•	• ₹	• '	•		1.00	16.6
E	•	•	. •	•	3.6↑	•	• 6	. 4	•	•		1 .5	15.7
ESE		•	• ~		1 .	•	• :	• ^	• '			· i	17.5
SE			•	. ~	• ^		• .	•				L.2	1:09
SSE	•	•		• 1	•		• t;	• ^	• "			3.5	17.3
\$ 6	•		•	• (• -	• 1					15.3
ssw		•	•	3.	• "	•		• 1		_		₹.0	18.5
5W	•		•	• ^			•	• !!	• .	•		4 . 7	7 . 3
wsw			• ^	• 0		•	, '	• 1	•	•		7.3	15.7
w		•	•	1.0	• ,	• 1	•	•				4.	15.5
WNW				٠٠		•		•				3.8	11.7
NW	•		• 1	٠ ٦		•	•	•					15.2
NNW	•		• 1	• •	_	•		•				4.1	15.3
VARSL		I	I										
CALM	> <	$\supset <$	$\supset <$	><	$\supset <$		><	><	> <	><	><	2.6	
		7.7	.4.	26.2	19.4	10.1	7.6	3.4	• 5	• 7		1 -	26.3

TOTAL NUMBER OF OBSERVATIONS

~ ti 7 :2

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	and the state of t			FEC		
\$74 TION	STATION MAME		YEARS	BONTH		
		<pre>{ L (*) ↑ T ()</pre>				
		CLASS		HOURS (L.S.T.)		
	***	CONDITION				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		•		. 11	2.5	7.	• 1	•					15.5
NNE				• 1		•	• É					1.2	1.
NE		•	•	•	7.	•	1.						
ENE	•		• '	• 7	• 1	•	•	•				U .:	10.E
E	,	•	. •	•	•	•	• '!	• (7.3	
ESE	•	•			•	•	• 1					7.9	15.0
SE	•	• "	•	1.	• 1	•	• 1	• !3				5. 7	7.0
SSE		•	•	• 1	• 11	•		• !!				12 .	16.0
5	•	•		• *	•	•	• 1	•				٠.	100
SSW	i	•	• "	_• f	• 1.	•	• "	•				3.7	13.9
sw_				•	• ^		•	• 11	•	• 1		. • ~	
wsw			• '	• {	•	•	•	• t.		• •	• 7		72.9
w		•	• •	• ,	• '1	1.	•	•				4	* 7.
WNW		•		•	•		• .					2.5	11.3
NW	•		• "	•	1.7	•		• :				4.4	15.4
NNW	•	•	• *	• ~	7 . 11	•		• `				5.2	15.3
VARSL		i											
CALM		$\geq \leq$		><	\geq	$\geq <$	><	$\geq <$	$\geq <$		$\geq \leq$. •	
		. , 7	A7.1	27.7	15.7	15.1	3.2	2.3	•	• :	• 2	25.	16.4

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		-	f i				
STATION	STATION NAME	TEAMS	80071				
	1.1	CLI OF A 10 A					
		CLASS	HOURS (L.S.T.)				
		COMMISSION					

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		•	· —	•	7.	-		t,				11.2	15.4
NNE		•	• .	•	· • -	1.							1.5
NE				•	•	1	1.7	• 4				•	17.6
ENE		•		• '	• ?	• .						4	16.5
E		•		• ^	2.4	7,	_ n	• 7				· • 7	17.7
ESE		•	•		• 7	•	9						6.
SE				• *	•	•		• "					16.
SSE		•		• 1	•	•	• 2					4 . 4	9.
S	•	•		•	•	•	• -	• '				4.5	175.3
SSW				٠,		•	•					3.3	16.0
sw			1		•	• 1	· U	• ?	• '			3.4	24.0
wsw		1 •	•			•		• '		• 4		4.5	11.1
w			•			•	• 5	• 1				3.0	16.5
WNW		• '		• •		•	• 1					7.5	13.5
NW			•		•	• `	• -					2.9	12.5
NNW		•	•	. "	•	1.	•					5.6	13.8
VARBL	i			1									
CALM	$\supset <$		><	><	> <	><	> <	><	$\supset <$		><	2.0%	
			. 4 :		16.1			2.7	ſ	- 4			16.5

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

•	grand 🕶 e	-*		FER
STATION	STATION NAME		YEARS	MONTH
		1U1 (FAT)		1117-7875
	+	CLA96		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		•	•	# • *	7.	•	•	•				11.7	15.9
NNE		•				•	• `					• 1	15.5
NE		•	•	•	1.	•	•					• 5	1.7
ENE	•	•	•		1	•	•					د • ر	17.
£		•	•	Ť •	·	i • •	•	•				• 3	15.0
ESE		•		• .	13	•	•	• -				•	€.
SE	•	•	•	•	• ''	•						3	15.3
SSE	•		•	1			• 7	. 1				•	19.4
S	li .	•	• /-	. ^	• "	•		• 15				4 . 5	1
\$5W	1,		•	•		7.	• `					7.4	13.2
SW	lı •	•	•	†	1.	•	•	•				7.0	71.3
WSW	#	1	• "		• 6	•	• '	• '2	•	• 4		3.0	75.6
w			1 1	•	• ,	•	• tı	• -				4.5	17.2
WNW	1			•		•						. 2	1 .4
NW			•		•							4.	11.5
NNW	•	•	7 . /1	- 11	***	1.0	•					5.7	14.4
VARBL	T	<u> </u>		1					Ī				
CALM		$\supset <$		$\supset <$	$\supset <$	$\supset <$	> <	$\supset <$	$\supset <$	$\supset <$	> <	2.5	
		1, , ,	14.2	25.7	0.7		7.7	3.,	• ?	• 4			11.6

TOTAL NUMBER OF OBSERVATIONS

St. TAL CLOUNTILOGY C AUCH CONSTRUCT ACC TATL - STOVIC C AC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.		1 € 1		FEF
STATION	STATION NAME		YEARS	MONTH
		THE STATES		930-1181
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	. 4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1				-				•			1004	16.7
NNE		•	7.	• 1	7.3	• •	•6	• ()				1.2	16.5
NE		•	. 1			•	1.7	• 5				9 5	16.2
ENE		•		-	1.	•_	•					0.3	16.5
E	1 .	•			1.	٠.		• -				7.	70.6
ESE	ľ.			_•			• 6	•				1, 1	14.6
SE			• '	7.			• "					3.5	15.1
SSE			•	• i	• 1,	•	•	• 1				/	ಿ. • ∔
5		•		1.2	•-	• 7	• "	• (4.7	2. €
SSW		•		1.0	• '		• (• 12				4.3	13.3
SW			•	٠,٠	•		• *	• ?				3.5	4.5
wsw	1		• ~	. 4	• 6		•	• .7	• **	• •		7 . 4	20.4
w		• "	. :	٦.	• -7		•	• 3				1.3	15.8
WNW	ļ ————	• •	1		1	•						€.5	9.1
NW		• *	1.4	1.0	• 5	•						4.3	1 5
NNW	· ·		1	_ • ~	• -		• 1				1	1.1	12.7
VARBL	#		1	1									
CALM		$\supset <$	$\supset <$	$\supset <$		$\supset <$	$\supset <$	$\geq \leq$		><		ડં • ડૅ	
	,	6	14.7	25.5	17.4	14.2	2.7	4.0	. 4				16.5

TOTAL NUMBER OF OBSERVATIONS

SE OF SELECTION OF SECURITY OF

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

t_1^*	Control of the Action	-		Lio
BTATION	STATION NAME		TEARS	ments
		11 5 8 15		: "
		CLA96		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		•	•		7.4	•	`•^	• :				1. 7	<u> </u>
NNE	•	• •	•	•	* • ·			•				_	5 - 4
NE				7.1	1.7	•	•	• '		[- 5	. 6 . 7
ENE	•	•	•		1.0	•	•	• "				7.9	7.7
E	•	•			T . K	1.	•	• 5				7.7	1.
ESE	,	•		• !	• 0	•				1		. · ·	19.1
SE		•	1	•	•	•	•	•				•	16.
SSE	•	•	•	• 1	• :	٠.	• •	• ?	•			7.5	15.5
s -	• •	•	•	!!	• `	•	1.5	• ^	1	•		5.6	19.9
ssw	•	• "	1 . !!	1.7	• "	•	• '		1			• 3	17.5
SW		• 4		•1	• '	•	• '	•		i		3.8	17.2
wsw		•			. 7	•	• "	• `	•1			E.5	21.2
w				• :	•	•	• ~	. 1				7.9	15.1
WNW	•	•	.7	1.0	• ^	• 4,						4.5	11.2
NW	•		7.0	• ^	• 17				1			3.9	11.3
NNW		•	•	1.	1.3	• *	• 5	• •				r•2	16.3
VARBL										Ī			
CALM	$\searrow <$	\times	><	\geq	\geq	$\supset <$	\times	> <	$\geq <$	\geq	><		
			16.7	25.4	18.	17.0	10.0	7.6	• r	• i.			10.0

TOTAL NUMBER OF OBSERVATIONS

AL OF THE TOLONY AND AND A TOLONY AND A TOLO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

C	4 5 A 4 A	- ⁴	E _ ()
BTATION	STATION NAME	YEARS	BOATH
	Li	€ 6 1 11	c /7~c
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. •	•	•	11.0	7.	7.00						15.9	16.5
NNE	•	• `	•	7 . ('	2.0		• 15	• ?					16.4
NE		•		7.	1.	*• `	•	• 1				7.7	16.3
ENE	•	•	•	٠,٢	1."	•	•-	• 5					18.4
E	•	•	•		7 . "	1.5	• ^	• ,				7.7	1:7.
ESE		•		•		• `	•	. 1				• 2	18.8
SE	•	•		1.1	• ~	•	• "	•				3.7	18.2
SSE		•	• •	•	•	•	•	٠.				3.5	17.
5		•		• 5	• "	• "	• ~	• -	• ~			5.4	19.
\$5W		•	1 .		• '		• /	• :				4.0	16.7
SW		•		• ^	: • 1		• •	• .				4.5	15.2
WSW		•		• (• 1	•	• 1	• 5	• ¬				02.0
w		•			1.7		• *	• .7				• 4	:7.4
WNW	•	•	· -		• ''			•				1.1	11.7
NW			1 . 11	. 1								7.	12.7
NNW		•	1	• °	• ¢		• (•				ς.,	17.1
JARBL		-										1	
CALM		><	> <	><	> <	$\supset <$	\geq	><	$\supset <$	> <	> <	. ೮	
		2.5	4.1	25.6	18.1	14.3	2.7	4.3				2 80.2	16.3

TOTAL NUMBER OF OBSERVATIONS

STORE CERTIFICATION TO ANCHORS TO A STORE ASSETS A STORE ASSETT A STORE ASSETS A STORE ASSETT A

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

*	STATE OF A STATE OF A	"	೯೬ ೯			
STATION	STATION HAME	YEARS	HORYH			
		€ E				
		CLASS	HOVES (L.S.T.)			
		COMDITION				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		•	2.4		3.	•	•	. 0				₹ ور ا	٠,٠
NNE	•	•	•	• 1		•	•					11.2	15.2
NE		•	•		• 4	1.	• 10	• 6	• 2			3.4	17.7
ENE	•	•	• ^	•	1.	•	• 1	• '	• 1			7.	17.
. E .	•	•		•	`•`	• 11	1.	• 1				7.4	16.
ESE	•	•	• "	!:	• "	•	• 71	• "			[•	.8.
SE		•	• "	• 7	• 0	•	•					3.4	18.3
358		•		• 7	• 4	•	•	• 3			i	4.5	18.⊥
5	1	•	•	1.3	• 11	• '	• -	• '				4.5	18.5
SSW		•	•	•	• 7		• 7	• ,				3 • A	19.€
SW	1		•)	• ^	• 7	•						- 4	17.
wsw	η — ·	•	• 17	• .^	• 7	•	•	• -	•	• -	•	t; •	55.0
w		•	1.7	. €	_ •	•	•	• 1				5	13.4
WNW		•	. 1	! • 7	• 7	• `	•					4.3	8
NW	•	• **	• ′'	•:	•	•						3.0	13.3
NNW	•	•	• 6	1.1	• 2	•	• ¢			I		5.1	18.2
VARBL													
CALM		><	$\supset <$	><	> <	> <	><	><	$\geq \leq$	><		1.0	<u> </u>
		я.	15.6	28.7	18.	:2.	7.8	7.7	• 5	• :	.,_	U•3	16.7

TOTAL NUMBER OF OBSERVATIONS E 4 6

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	Control of the State of the Sta	·	FE3
STATION	STATION NAME	YEARS	MONTH
	LL_ /1:	A 14.	1,10-2300
		LA96	HOVES (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			7.	5.0		-	1 , 11	• 1				16.5	6
NNE	•	•	7.4		? •	• **	• 1	•				7	15.5
NE			1.	5.6	1.0	•	• [• 6	<u> </u>			1 : 1	16.
ENE	• '		. "	•	•		• 11	• ^			l	.7	15.3
E		•	• *	•	• -		٠٢				Ì	1.00	16.
ESE	[!			• -						<u> </u>		3.8	19.3
SE		•		1		•	• -	• *				3.4	19.3
SSE			•	1.7	• •		• 6	• 1		L		5.	17.3
5			• -	• 0		• 1	• 8	• "				4.5	15.9
ssw				•			• 11	• ?		·		5.	1.7
sw				•		<u> </u>	• !	• 4	<u> </u>			7.0	18.9
wsw				• "	• "		• *	• 5	• ^	. ?	• *	T • 1	72.4
w			• **	* • **	• 1	•	• `	• ^				1.2	16.5
WNW			•										9.4
NW		•	• •	• "	•							" " "	13.7
NNW				• "			,					E . 7	13.5
VARSL													
CALM	$\geq \leq$	$\geq <$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2.4	
		2.5	14.9	22.	15	1 . 3	- 3	4.5		• 2	. 2	nuo.e	16.4

TOTAL NUMBER OF OBSERVATIONS

CE /E OLIH TOLOCY O ANCH

 \mathbb{Z}

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

**	The second second			C []
STATION	SMAN NOITATE		YEARS	BONTH .
		TULE FATOL		* L.L.
		CLASS		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	13 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N					•		* • 1	• -	•			5.4	16.1
NNE	•	•	•	1 .1	7.7	•	• ′	• 1				11.0	15.9
NE		•				•	•	• 6	•			0.5	17.8
ENE	•	•			• • • •	•	•	• `	•				6.7
E .		•	1	1 .	1.	·.	• "	• 5				7.6	18.0
ESE	•			•		•	• •	• 7				4.4	18.5
SE		•	• '		• -	•	• 1.	• 1				4 •	27.4
SSE		. 1		•	•	•	• '	• 7	•			U.	13.4
s	·	• '	• '			• -	•	• !:	•	•		5.1	18.1
SSW	•	• •	. ti	- 7	• 7		• [• 1				3.0	13.3
SW	•		.7	• 2	• ?	•	• ti		• 1	• 7		5.9	19.ì
wsw	•	•		• 6	• 4:	•	• 5	•	• 0	• "	•	11.3	12.2
w		•		1.5	• 7	•	• 7	• ?				4.3	1301
WNW	•		• 5	· · ·	• 1	•	• 1					7.1	11.
NW				1.1	•	•	• 1	• `				" . i	1.2.6
NNW		•		1.7	2.		• 7	• 7				5	15.1
VARBL													
CALM		><	><	> <	$\supset <$			$\supset \subset$	$\supset <$	$\supset <$	><	•3	
	,	7.1	;5.7	27.5	17.3	14.4	P.4	3.7	.4	• 2	• :		16.5

TOTAL NUMBER OF OSSERVATIONS 6 165

CL HAL CUERATILORY DIAMON WHITES AT HEAT IN THAT I ARE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

'1	The state of the s	" "^	MA!
STATION.	STATION NAME	YEARS	MONTH
	19.1	EATH	√g 110 – r . <u>20 t. </u>
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≤56	*	MEAN WIND SPEED
N				4.7	7,0	0.3	c	• ^				26.4	5.4
NNE		•	• "	7.7	ı,	7.		7.				9.3	17.C
NE	<u>.</u> 5	•	• 7		"	• 1	• 7	• 1				7.5	17.4
ENE	,	•	•	* • #	1.		• *	• ?				5.3	16.5
ŧ		. •	• 7	, 1				• 7				5 • 8	16.0
ESE	•	•		• (• t:	• 7				3 • 1.	1005
SE	•	. •	•	• ~	• .5	•							?2•₽
SSE			•	٦.	• 1		•	•				2.4	19.3
5		•	• 7		' • '	•	•					1	16.8
SSW		•	• '3	• 1	7	• .		• (,	• 1	• 1		6.F	72.1
sw			• 1	• ?	7.	•	• 0	• 19				5.7	18.4
Wsw	•	•		1 1	(- 1:	• •				9.5	18.7
w		•	• 7	1."	1.	1.	•					6.7	16.9
WNW		•		٠. "	7	• `						4.9	9.9
NW	•	• -	1.		• "	•		• .				5.3	13.4
NNW		4.	3.4	:. • ′	1.		• .2					6.2	13.9
VARBL													
CALM		$\supset <$	$\geq <$	><		$\geq \leq$	$\geq \leq$	$\geq \leq$	><	\geq	><	3.3	
	/ •		1.7.1	24.0	18.2	17.7	7.0	3.2	• 1	• :		1.0.3	16.2

TOTAL NUMBER OF OBSERVATIONS

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(')

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4.	Sec. 1. 200 40	r	u A €
STATION	STATION NAME	YEARS	MORTE
		ALL ASATMON	คทค − ศ รส ถ
		CLASE	HOURS (L.S.T.)
		CONSTAN	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	42 - 55	≥56	*	MEAN WIND SPEED
N	*		2.74	a.	7.7	7						10	15.2
NNE		•	•	7.0	7.	•	•	- 2 -				2.08	18.5
NE		•	• `	~ · ('	7.	•	• 3					7.0	10.5
ENE	•		• 5	1.	1.0	• ,	• 7	• ~				7.4	16.2
E	•	• 4	• `	• '	• 1	• *	•					3.5	15.4
ESE	ji		."	• 1			• 6					3.	.9.
SE	<u> </u>			. •	• -	•	• 7	• 11				3.4	19.5
SSE	i,			•	• '	•	• -					2.3	19.4
5	1 .		• "		• *	•	. 11					5.9	16.8
SSW					1	•	• Ē.	• 6.	• ?			5.7	71.0
sw		• .	• 11	• ~	7.	1.	• .	• ~				G • 1.	3.3
wsw		•	•	• 6	٠.	1.	• *	• 9				5.5	71.7
w				7	1.5	•	• 6	• 1	- 1			3.1	17.
WNW		•	1.5	.1	• -	•~						3.5	11.1
NW		• •	1.	•	1.2	•	•	• 2				6.1	11.6
NNW	.:	7.	1.4		• (• 2	•					6.8	11.3
VARBL	1					1							
CALM		\geq	\geq	\geq	\times	\geq	$\geq <$	\geq	$\geq \leq$	$\geq \leq$	\geq	3.7	
		30.1	13.5	27.8	20.5	13.3	7.4	3.5	•3			0.0	10.5

TOTAL NUMBER OF OBSERVATIONS

1

STOCK TO THE THEORY OF ANCHOUNT OF STATE OF STAT

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

* ,	The state of the s	* -f ;		
STATION	STATION NAME		TEARS	MONTH
		LL MEATHER		r::n+n8n <u>%_</u>
		CLA96	<u> </u>	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N			1 1	P . C	1.0		• 11					1 2 5	14.9
NNE	•	•	• 1	•	• •	• •	1.00	• 1				5.0	19.
NE	•	•	• ~	•	••		•					7.1	16.
ENE		•	•	•	1.1		•	• 7				4.5	16.
E		•	• '	•	٦.	•	• "	• ?				3.5	17.5
ESE				• *	• 1		• "	. 1				2.3	12.5
SE	•	•		• ^	•	• ^						3•€	14.5
SSE		. •	•	• •	•	•	• 11	• -				7.1	15.7
\$		•	•	•	• • 1	1.	• 5	• ^				5.3	19.
ssw				• -	1.0	•	• `	٠ ٦				4.6	19.4
SW	•	• 1	• 3	•	• •		• 14	• 5				7.2	19.1
wsw	•		• 11	• ^	1.7	1.		• 3				5.3	7 . ;
w			•	: • t	• 1	, . ~	. 11	• 7	•			5.3	18.1
WNW	•	•		7	•							5.2	1. • 3
NW				• '	• ?							3.9	10.1
NNW	•		1.	:•€	•	1.	• •					8.2	11.5
VARBL			I									I .	
CALM						$\supset <$	><	><	$\supset <$	$\supset <$	><	3.4	
		, ., .		-2.7	23.1	14.2	7.2	2				ا م	:5.8

TOTAL NUMBER OF OBSERVATIONS 93

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CHARAL CLISATOLOGY OF AGENT OF THE ACT OF TH

I

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

**	Control of the April 1988			94 A 22		
STATION	STATION NAME		YEARS	MONTH		
	· L	E EATE				
		CLASS		HOURS (L.S.Y.)		
	<u> </u>					
		COMPLYION				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	40 - 55	≥ 56	%	MEAN WIND SPEED
N		•		7.1	3.3		1.5	•				7.7	15.7
NNE	•	•		• "	• 7	_ - -		• '		•			9.1
NE		•	•	7.	7 . 7	•	•					7.	16.0
ENE		•		•			•	•				1.2	16.2
E		•	•		• 7	•	• 7	• "		1		4.	16.0
ESE	•	•			•	•	• (•				7	16.4
SE	•	•	•	•	•	•	• •	•				3.7	5.3
SSE		•	•	•	• 7	•	•	• '				2.7	13.4
5	•	•	•	• *	•	•	• 1	•				5.6	19.5
SSW		•				•	•	•					18.7
SW		•		•	•	1.	•	• 7		•		6.00	1.03
wsw		•	Ţ	•	1.7	•	•	• ?	•			5.5	71.2
w		•	•	`• f	7.	•	•	• ',				5.0	14.0
WNW	•	. •	• 1	•	• 7	• ~						3.7	9.9
NW	•			. • !!	• 1	•						4.4	10.2
WHH	•	•	• 1	7	7	• `	• '	• 1				5.9	15.1
VARSL													
CALM	><	> <	$\supset <$			> <	><		> <	$\supset <$	$\supset <$	4.1	
· · · · · · · · · · · · · · · · · · ·			17.3	26.	17.3	:4.	0.4	2.7	• ?	• 2		7 2. 5	16.1

TOTAL NUMBER OF OBSERVATIONS

07-

ETT AL CLISTEEN TO LOCATION AND LOCATION AND ALL CONTROLS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	Company of the Company	iger <u>⇔</u> n j	MA®
STATION	SMAN NOITATS	AEVES	aon'y n
	10	i, cu + cutc. —	
		HOURE (L.S.T.)	
		COMPITION	_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		•		•	٠,								16.
NNE	•	•	• ′		•		1 • 1	٠٦	<u> </u>			7.5	3.0
NE		•			• ^							5 • -	16.4
ENE	•	•	•	•	1.7	•		• 1				5.0	13.1
ŧ	•		• 6		7.	•	· t·	• ?				5.4	14.5
ESE	•	•	+	• •	• ':		1.	• ?				7.4	17.4
SE	•	•			• 6		. 7	• "				4.7	17.5
SSE		•	•		• 11		•	• :				0.7	15.5
5		•	•		1.3		• 7					5.5	15.5
SSW	1 1		7	• -	1.		1.7	7				7.5	7
SW					1.7		1.1	• 6				6.7	19.5
wsw				1 1.01		• ′	• "	• 1				52	26.0
w			17.	1	1.0		. 7	• 3				2	14.7
WNW							• •					-	120.7
NW		• •		7.	• *		•					6.1	4.
WMM		•	•		. 1		• 7					6.3	15.4
VARSL		• 										T	1
CALM		$\geq <$				$\geq <$	>>	><	\geq	><	\mathbb{X}	1.9	
				.7.:	; r	1.5	2.9	5.3				E 2.0	16.5

TOTAL NUMBER OF OBSERVATIONS

TOTAL STATE OF THE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	7. · · · · · · · · · · · · · · · · · · ·			MAF
STATION	SMAN MOITAYS		YEARS	HONTH
		HELE SEATS: 1		1500=1700
		CLASE	· · · · · · · · · · · · · · · · · · ·	NOURS (L.S.T.)
		COMPLYION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	•		<i>"</i> •	î •	1.	•	• ^				14.4	16.7
NNE	•	•	•	7.	•	~ .	•	• ^				€.9	• 3
NC	• •	•			. • .	•	• -					€ • ?	17.6
ENE	•	•	•	• •	•	•		• 7	•			7.4	17.
E	. •	•	1 •		. ,	• 10	• ';	• 7		i		1: . 5	75.3
ESE		•	• *		• "	•	•	• '				3	16.5
SE	•	•			• '	•	• 8	• ₹	T			2.	19.7
SSE	•	•		1.0	•	•	•					3.5	14.1
5	· · · · · · · · · · · · · · · · · · ·	•		1.0	1.	•	• 11	• 11				7. 5	17.5
ssw	,			• -	• *	• '	•	: . 3	İ			5.5	1.2.
SW	•	•	• • •		•	1.	• <	٠ 4				7.6	18.7
wsw	•	•	. 7	• • • •	1.0	•		• 11				7.7	17.3
w			1.		:•7	٠.	• ^	• 1				7.3	15.2
WNW		•		• 23	• '1	• 1						3.5	11.7
NW			• •	• ^	7.4		• •	• :				5.2	16.5
NNW				1 • P	7.3	•	• 1	• 1			·	5.9	16.1
VARBL	Ĺ		1									1	
CALM		><	><	><		$\supset <$	><	> <	$\supset <$	><	> <	• 6	
		٠.	177.	24.	12.2	17	2.5	4.7	• :		`	2 2.0	17.2

TOTAL NUMBER OF OBSERVATIONS

GENERAL CITY OF ALCOHOLOGY OF

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	7 m •	* ,		4 A -
STATION	STATION NAME		YEARS	MONTH
		EL EXT		the second of the
		CLASS		HOURS (L.S.T.)
		COMPLETION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N			•	- •	-,-						1	10.1	27.0
NNE		•	•	• 1	· • ·						Ì	• 7	2
NE	•	•		• /	•	•	• "		• '			4, • 3	17.3
ENE				•			• 1	•-			T		18.5
E	•		• 4	• 1	•	•	• 5	• '				9.3	19.
ESE		•		• *	•		• "	• 1				2.5	16.9
SE	•			. • '	• ?				i			3.4	16.5
SSE		•		• /	•			•				2.9	15.5
5		•		1.7		• 1	. 11	•				3.5	16.3
ssw				•	.,		• "	• 3		1		6 • 1	18.1
SW		•		1.1			• :	• 0	•			7.	7,,. 7
WSW	·	• .	. "	•	1.	7	-		<u> </u>			7.	19.
w		•	1 0	1.0	2.6	• 1.	• 11	•				7.	1.5.
WNW		1.		• 0	- 0		-				-	3.3	10.3
NW	<u> </u>	•			,		• 「	• 5		 		7.	7.2
NNW	, , , , ,	•	•	₹	•		_					3.	12.9
VARBL	 	-	-						<u> </u>			· · · · ·	
CALM	><	> <	><	> <			> <	> <				• 3	
				27.8	19.6	17.		7.1	. !!				17.

TOTAL NUMBER OF OBSERVATIONS

ST -AL CEDUTTHEOUT THATCH CHIFFTED AT HIGHER SERVICEMENT

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11 (1)	180 A 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	• • •	MAS
STATION	STATION MAME	YEARS	MONTH
		PER OFFICE	1198-2389 <u>-</u> 2389
		CLASS	MOVRS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		•	• "	4.7	7	î.	1.	•				1 / *	15.3
NNE	•	•	•	•	• "	•	•	• .				~ . 5	19.7
NE	•		• ':	• '	•	•	• -	• ^				7.	.3
ENE		•	•	1.01	1.	•	• 1	•				4.9	17.4
E		•	•	• !	• 6	•	• `	• 5				3.9	17,1
ESE			• 1	• 7	• ,	•	•	• :				2.*	18.2
SE				•	•		• 6					3.0	2.5
SSE		•		• 7	•							1.0	16.5
S	1	•	1	7.7	•	•	٠.	• ,				5.9	17.1
ssw	•	•		. • ٢	• ^		1.7	• '!	•			u•5	∩ti.3
sw		• "		• '	• •	•	• '	• 7				6.	19.
wsw				. • '		• '		• ₹				• .	^ •_
w	•	•	1.5			1.	• '					: • 1	11.4
WNW	•	• "	1.4	1.5	• -	• 1	•)			Ů.	12.7
NW	•	• "		• 5	1.5	•	•						13.5
NNW	•	1.	7. 1	• 6	1.7	1.	• 1		i			7.4	12.0
VARBL				1									
CALM	><		$\supset <$	$\supset <$	$\geq <$	><	><	><	><	><	><	3.5	
			17.7	23.5	10.7	18.0	7.6	2.8	• 4				16.6

TOTAL NUMBER OF OBSERVATIONS

STOCKE COLLECTIVE CONTROL CANCEL OF THE TACK.

AT COLLECTIVE STORE A AC

()

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- ∔		₩ £ %
STATION	STATION NOITE		YEARS	MONTH
		TEL CEATHUY		ALL
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	,			4.0	. 7	2.		. 1				15.7	15.9
NNE	•	•	• 1	1.0	1	7.3	. 4	• ?		• 7		4.	19.3
NE	!	•		t • 7	1. 1	3 • 5	. tı		•			(.6	17.
ENE	•	• '	• 1	• (1 . /!	• ",	. 7	• 7				5.€?	17.7
E	•	•	. 7	.5	•	•	• 4	• 3				4.2	16.5
ESE		•	•	• (. "	• "	• 1	• ?				1.1	17.3
SE		• 1	- 4	• ^	• -	• 24	• 11	• ?				3.0	18.4
5S€		. •	• •	• 0		• 4	• 3	• 1				?.8	16.5
\$	•	• 1	• :	` • E	1.3		•5	• ີ				5.6	17.5
ssw	•	• ,	. 5	1.4	1.1	ì.	•	• (-	•	•		£ . 3	• 3
sw	•	• 1.	• 3	• ?	1.5	1.3	• ?	• 5	•	•		6.6	19.2
wsw		•		. 7	1.4	; • ';	• 5	• 3	•			é.	19.3
w		•	1.3	1.6	1.5	1.	• /:	• '	•			6.9	16.
WNW		•	1.1		. !!	•	•	• 3				4.	10.8
NW		•	1. •	1.5		• 1;	• '	• 1				5.1	13.1
NNW		1	1.01	1.0	1.?	•	• ',	• ^				5.6	13.6
VARBL													1
CALM	><	$\geq <$	\geq	\geq	\geq	$\geq \leq$	\times	> <	> <	\times	$\supset <$	2.7	<u> </u>
	3.7	. 4	13.4	23.1	19.4	16.2	3 •	3.3	• 2			100.0	16.9

TOTAL NUMBER OF OBSERVATIONS

TYL AE CERMATHEUGY I AUCH FORTHAG AI WINTHS I STRVIC AME

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

+1	Land to the Atlanta	n <u>_n</u> -	#P^ _
STATION	STATION NAME	YEAR	MONTH
		TEL CENTIF	188 - 121.
		CLASE	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	•	•	₹./	↑ • 5	••	•					13.0	11.7
NNE			•	•	•!	•	• ?					4.7	74.4
NE		•		• 1:		• 1						•	12.6
ENE		•	•	/	• "	•	• 10	• ,	• '			4.9	15.4
E	1		• 1		• C.	• 1	•	• 3				4.7	16.5
ESE		•	• .7		• ^	• 1						4.3	13.3
SE	<u> </u>	•		٠.٠	•	•	•					7.2	16.4
SSE		-		1. 2	•	• 1	• 5	• 5				4.2	18.1
S		•	•	• :	1.0	^ • ·	• t;	• ?		• '	•?	6.2	16.9
SSW			1	• • •	3.0	1.7	• 4	• 1	• ?	• 4		6.7	23.4
SW				1.07	1.0	1.7	• 6	• 1				5,• ₹	19.1
wsw				•	1.	1.1	• 7	• 3	• 1			7.6	13.4
w			1.	3.5	1.7	• 13						7.2	12.7
WNW	•		1.	•0	• 1	• -	•	• .				4.2	10.6
NW		•	:•	1.	1.4	• "	• 5	• 1				5.9	16.1
NHW			1.0		1.7	1.	• 5					9.3	13.5
VARSL				i							Ī		
CALM	><			$\supset <$	><	><			$\geq <$		$\geq \leq$	3.6	
		4.6	2".1	25.7	18.0	10.3		1.8	. 14	.6	• 2	1∩ຄ•ປ	15.1

TOTAL NUMBER OF OBSERVATIONS 899

CONTRACTOR OF A CANCEL CONTRACTOR OF A CANCEL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	ting a second second	. · -!		Δpn
STATION	STATION NAME		YEARS	NTHOM
		LL - CATH		:37 6 +1505
		CLASS		HOURE (L.S.T.)
			·	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N			7.	1.2	1.5	1.0	•					14.2	1.0.
NNE		•	• ′	• -	• ^	• "	• 7					3.9	12.7
NE		•		. 7	• '							0.0	1
ENE	•	•	•	- 4	• ~	•	•	• 1				4.9	16.7
E	•	•_	• '1	•	•	•	• /	• 1				4.2	16.6
ESE		•	•	1.	1 . 1	•						3.8	13.2
SE		• *		• 1	• "		•					3.7	16.5
SSE		•		• •	• 3	•	• 7	• 7				3.7	19.
5		• 1	• 3	1.6	1.1		• -		• ^	• 3		€.1	18.9
SSW		•	•	1.0	• 1.	^ ·	1.	• 2	• ?	•2		7	72.1
sw	•		• 4	1.7	1.7	1.	ě.	• 7	•?			6.7	11.
wsw	•	• "i	. 6.	7.	2.	7.	•	6				8.4	19.0
w			1.6	100	1.7	1.2		• 7				8.4	14.3
WNW		• '	1.01	1.7	• 3	. •	• -					4.9	11.6
NW	•	• "	. 7	2.2	1.7	• .	• 4					5.6	15.4
NNW	1.	,	٠,5	2.7	2.1	•	• ?					2.3	13.3
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2.7	
		8.2	14.0	26.8	18.1	14.	5.9	1.8	3.	• 6		1.0.0	15.4

DTAL NUMBER OF OBSERVATIONS

GL CAT CELATIFECCY MARCH BOSTETAC AT STATEST ST VIO 7:40

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4	5717 × 6 - 573 A=	₽n *	Ap^	
BTATION	STATION NAME	71	ARS MONTH	
		ALL PEATLS	: M r= r&;	3 3
		CLASS	HOVES (L.E.	7.)
		COMPITION		
		COMDITION		

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEA! WINE SPEES
N	•	•	7.	7.6	· .	7.	• tį					14.6	13.4
NNE	•	•	1.	. • 7	٠,	•						3.6	11.
NE		٠	•	• 1	٠,	• '						401	11.
ENE	•	•	• 10	• •	1.	• 5	• 7	•	L			4.1	17.
ŧ		•	• 3	. is	1.7		• •					3.8	15.
ESE			· 1	1.04	• -	• "						3.7	14.
SE			•		• 3	• 3	• 6	•				3.3	19.
SSE	•	• '		• 7	• 7	• ₹	• 5	• 1		L		3	18.
S	•	• '	• ^	" • ₹	1	<u> </u>			• "	• 1		5.7	15.
SSW		•	• 4	• 0	1.€	1.6	1 . C	- (1	• 3		<u></u>	8.	21.
sw		•	• 4	7.7	1 . 4	1.4	• 6	• 7	• ?			6.6	21.
wsw	•	• 7	•		1.7	7.3	• ^	• 2	• 1	L		8.8	19.
w	•	• 7	1.7	7.1	* • F	•	• '	• •	• 2			7.4	13.
WNW	• 1		1 . 7	•	• ti	• `	l	L				r . 4	110.
NW	• 1	• 4	1.	1.	• 0	1.	• 6					6.A	15.
NNW	•	1 • 7	1.?	1.0	7.	1.4	٦.	. 1				8.4	15.
VARBL												l	
CALM		$\geq <$	$\geq <$	$\geq \leq$	$\geq \leq$	\boxtimes	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	7.2	
		5	16.1	27.7	17.6	15.7	6.2	1.9	1.	• 1		10.3	15.

TOTAL NUMBER OF OBSERVATIONS 900

OF TAL CUTTUE LOUY CHARCH

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	TO SEE SEE SEE SEE SEE SEE SEE SEE SEE SE	TEARS	AP =
	<u> </u>	Ţ :	(C-1)(O)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N					:.2	· •						13.8	14.1
NNE						• '	• "					4.7	12.8
NE		•					• "		T			5.3	11.6
ENE		•		. • `	•	• 1	• 3					3.3	15.1
E	•	•		•	• *							3.9	14.9
ESE		•		7			• '					5.2	14.6
SE		•		1.1	1.1		. 5					4.4	25.3
SSE		•		7.7	. 13	•	• tj	• ?				3.7	16.9
s			1.2	1.7	2.7	• *	• 1	• 3				6.2	16.
SSW		• "	· Ľ	1.6	1.9	1.1	1.07	?	T			7.1	19.5
SW		• -	1.7	1.5	2.6	1	1.	• 5		<u> </u>		3.7	:9.9
wsw	1	•	•••	2.6	3.2	1.0	. 9	•6	T			!	12.
w		•	1.0	2.0	7	- 1	3					4.7	:3.4
WNW	1	•	.7	• 0	• '	. 3						3.1	12.5
NW			- 5	3.6	1.3		. 7	• ?	• 1	,		7.3	17.4
NNW		• -		2.8	1.7	7.	• •	<u> </u>				6.3	17.6
VARBL	1		†	1		, , , , , , , , , , , , , , , , , , ,				1	·		1
CALM		\times	\geq	\geq	\times	$\supset <$	\times	\supset	$\supset <$	> <	><	1.4	
	2.1	7.i	15.1	39.8	19.8	13.0	6.6	2.4	. 1			1 2.0	15.0

TOTAL NUMBER OF OBSERVATIONS

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EN PAR CETANTHECTY AND HULL FOR ACCURATE STRVING A CO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

t:	Strate Area te	1, 0 - 0 5	₽P 5
STATION	STATION NAME	YEARS	HOHTH
		SEL SEATHS	1130-1410
		CLASS	HOVES (L.S.T.)
	* · · · · · · · · · · · · · · · · · · ·	COMOITION	

SPEED (KNTS) DIR.	1 . 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•		7.7	1.	1.1	•	• 1	• 7				12.7	:4.5
NNE	. •	•	1. •	1.6	1.0	•	ļ					6.1	14.7
NE			•	1.7	• 7	• 1	• 7					4.5	14.7
ENE		•	• '3	• 0	1.7	• 11						5.1	15.2
E	•	• '	• *	• !:	•/	• "	• (1		1		i	• 1	15.4
ESE		i	• "	1.7	• 7	• '	• -					2.7	17.
SE		•	•	2.0	• t:	•	• 13					4.5	14.5
SSE		•	•	· • ·	1.0	• *	• 6	• 5				€.2	16.5
s	•	•		~.~	1.3	• 6	. 1	• 1				t • 3	16.1
SSW	•	• /		1.1	7.1	1.	1.	• 7				8.1	17.3
sw				1.0	1.7	1.	. c	3.	•,			9.0	19.8
wsw			1.1	• 1	• •	1.	1.1	• 1				8.9	17.€
w			1.02	1.5	7.4	•	• 5.	·	l			0.0	15.1
WNW		•		1 . f	• ò	• 3		T	<u> </u>			2.9	14.2
NW		•	1.2		2.3	7.	• ?	• 3				9.1	17.2
NNW		•	1.2	2.3	1.3	1.	• ?	<u> </u>				7.1	15.1
VARBL			1					<u> </u>					
CALM	><	><	><	\searrow	\sim	> <	$\supset <$	><	$\supset <$	> <	> <	• 3	
			16.0	32.8	20.4	12.4	6.6	2.6				a 9.0	16.7

TOTAL NUMBER OF OBSERVATIONS 920

4D

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

t	Charles Are Ak	r ·	
BTATION	STATION NAME	YEARS	MONTH
		ALL FEATER"	: n=1777
		CLA16	MOVES (L.S.T.)
	<u></u>	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	!		7.	• 7		1.5	. 7					13.2	5.1
NNE		•	i •	7.7	7.7	• 41						5.7	13.5
NE	•	•	• *	•	• 4	•	• :					7.1	15.3
ENE		•			• U	• *	• '					2.0	15.
E			. 1	•	• 2	•	• "					3.0	77.
ESE				1 . 1,	. ₹	•	• 4					3.2	18.1
SE		- ()	. ,	1	1.7	• 7	• 1					4.5	13.0
SSE		•	•	•.7	1."		•.7			_			16.1
5		• 1	1	7 · 4	. 0	•	• 4	۰٫۰	• î			7.7	14.
SSW		•	. 1	1.6	7.	7.07	1.5	• 17				7.9	19.9
SW				(1.7	2.	• ?	• 6				5.1	18.6
wsw		•	,	2.7	7.7	i • "	3.	• 3				3.3	17.6
w			1	7.€	2.1		• !	• 1				8.8	14.0
WNW				• ¢	.,							2.3	13.
NW		•	•	7.7	1.9	7 . C	• 7	• 1				9.1	16.
NNW			• 7		1.2	3.3		• 1				6.4	16.
VARBL		1	1	1									1
CALM		$\supset <$		$\supset \subset$	$\supset \subset$	$\supset <$	$\supset <$	> <	$\supset <$	> <	> <] •	
		6	.5.5	33.1	12.3	15.2	6.1	1.9	• 2			ב וו ב	16

TOTAL NUMBER OF OBSERVATIONS

LE TAU CLIMA TOLOGY T. ANCH HIMFTTAC AT AFATHER SELVICEZAMAC

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(1)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

14 .05	NA TOTAK	** -c **		4PT
STATION	STATION HAME		YEARS	MONTH
		ALL MEATHS		+n - "=? ⊊35
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		•	1.0	5.0	7, ₹	~ •	• '					79.0	14.5
NNE	•	•	. •	?• ~	• [£]	• '						4.9	13.7
NE	•	•	• 7	• 1	3	•	• 1	• •]	?∙8	13.4
ENE	•	•	i • '	• '1	• 1	• '!	•.5	• 1				3.1	14.6
E	•	•	•	• ′	7 1	• 1	• 7					5.7	17.8
ESE		•	• i.	• •		• .	•					3.2	15.1
SE	•	•	• 1	1.	• 1	• !						E.3	11.4
SSE		•	. 15	٠.	• 6	• 7	• 6	• 7			1	4.5	14.9
\$	i	•	• 0	7.	+ . 4	1.7	• 1	.4	• 1			7.4	17.2
SSW		•	• `	• ?	1.9		• !!	• 6	• '			5.6	21.
SW		•	(1	• 7	1.5	• .	• `				6.2	1.8 . 7
wsw	•	•	. 1	7.1	^•?	1.6	. 7	• 4	• 1			9.6	16.9
w		•		7.	7	• .,						9.2	13.4
WNW		• 1		• ^	• 7							2.4	21.1
NW	•		• '	7	1.4	١.	• 11	• .				6.4	17.7
WWW		•	• ?		1.4	٠,	• -	••				9.7	13.7
VARBL				<u> </u>	1								1
CALM	><	$\geq \leq$	\geq	$\geq <$	$\geq \leq$	$\geq <$	$\geq \leq$	\geq	$\geq \leq$	\geq	$\geq \leq$	1.7	
	•	. ?	1 1	77.5	17.0	17.3	4.6	7.6	• 3			0.0	15.4

TOTAL NUMBER OF OBSERVATIONS 905

THE AL CETHET LOLY CANCH TO TAC A CATHEL SCOVICEZIAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

\ ₄₉	CONT. TAILANT AS	÷* *		AP*.
STATION	STATION NAME		YEARS	MONTE
		ALL MENTILS		1100-2300
		CLASS		HOVES (L.S.T.)
		COMPLYION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAP WINE SPEEC
N	• •		7.0	3.0	2.4		• 2					15.3	112.8
NNE		• "	* • *	. • (<u>• i</u>	• .	•					4.,	33.4
NE		•	• (• -		• '	•					, ,	12.5
ENE		•	4.7	1.0	- 5.	• 7	•	• 1				" • ?	14.
E	. 11	•		1.1		1 . "	•					6.9	16.
ESE	•	•	• "		. •							3.7	14.
SE		•	• 0	•	•	•	• /					4.4	14.0
SSE		•						•				2.5	16.
5		• 3	• ?	• -	7.	•	• 14	• "	I	• 1		6.	17.
SSW		•	- 1,	1.5	1.7	. 1	1.04	• 6	- ?			6.5	72.
sw		•		• ^	1.0	•	•′	. 11				5.3	17.
wsw			• ^	7.1	1 . U	• 11	•.6	• 14				77	17.
w		•	• *		1.	• 7						7.5	13.
WNW		1 .	•	-								3.3	.1 •
NW		•	1.7	^ . ft	2.	•	• €	• 12				- 4	14.
NNW	•	•	1.5	2 • P	7.7	• :	• 1					8.7	14.
VARBL									I				1
CALM	><	><	><	><	$\supset <$	><	> <	$\supset <$		$\supset <$	>	3.6	
	1, 11	0.0	.5.	26.2	28.9	12.5	5.7	2.7	• 2	. 1		1 6.00	14.5

TAL NUMBER OF OSSERVATIONS

THE SEL CELMATOLOGY FRANCH OF AFLICACE AND STATE OF A SELVED AND A SELVED A

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	CONTRACTOR TO	$f(\alpha) = \{f(\beta)\}$		8 p. °
STATION	STATION NAME		TRANS	MONTH
		ALL REATMES		/LL
		CLASS		HOURS (L.S.T.)
		COMBITION		
		avestige.		

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N			2.5	P . C	7.1	1.	• 1;	• ^				14.	13.8
NNE	•	•		. • f	• ?	•	• `					4.6	13.4
NE	•	• '	• ()	• :	• (• 7	• :	•				3.6	12.0
ENE	•	•	• 1		• ?	• -	• .7	• 1	•			3.9	15.5
E .			• ^	•	• 2		• "	•				4.5	16.3
ESE	•		• <	1.	• 2	• ''	•					3.5	14.9
SE		• *	•		• !	•	• 7	•^				4.	15.4
SSE			•	1.	• -	•	• 1:	• ?				4.1	17.
S	•	•	1.1	• ^	1.4	•	• 7	• 3	• 1	• 1	•	6.5	17.1
ssw	•	• "	• 5		1.5	1.1	1.2	• "!	• 5	• 1		7.1	2. • 9
sw	•		• 6	1 . (-	1.6		• 7	• 5	• 1			7.0	19.5
wsw	•	•	1.	ĵ.•"	1.0	1.	• 7	• 4	•			8.7	18.2
w	•	•	. • *	7.	1. • 3	• ^	• 1	•1	•			7.4	13.9
WNW	• '	• 1		1.	• 11	•	• `	•				3.6	11.4
NW		•	•	1.1	1 5	1 • ?	• 13	• ?	•			7.3	16.4
NNW	• "	• 7	1.63	7.0	1.7	1.7	•?	• "				5.3	14.8
VARBL												 	1
CALM	$\supset <$		$\supset <$	><	> <		> <	$\supset <$	$\supset <$	$\supset \subset$	$\supset <$	1.5	
	J		13.2	27.4	10.3	13.7	5.9	2.2	.4	• 3		1 າວ. ນ	15.6

TOTAL NUMBER OF OBSERVATIONS 7199

POWAL PROBLEM THE BOW LANCH . D. T. . C.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

·;	"我们在这个人,这个人看到	±0	MAY
STATION	STATION NAME	YEARS	HOHTH
		MEL TEATING	~*37±3230
		CLASS	HOURS (L.C.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 . 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•		F	7, -			7	• ?				0.1	111.5
NNE			• -	• ^	. 4	•	•					6.9	11.4
NE	-	•			•							1 4	1 . 2
ENE				•	• *	•						2.5	7.7
E	1			٠٢							· · · · · · · · · · · · · · · · · · ·	2.9	110
ESE		•	• 0	• *	• 7							15	9.
SE	•		1.7	• 7	7.							1,	21.3
SSE	•		i • f		• r							E.	13.
S	•		1 7	7.€	, ,	•	•	• !!				(.7	17.9
SSW		•	• 11	• 7	1 . /1		•	• 1			_	6.0	17.
sw	•	•		•-		•	• 7	• ?				€.7	15.5
WSW		•	•	1	1 °C	• 11	•					5.1	14.3
w			• ?	7	1.1	•						6.5	12.2
WNW		. 7	, r	• 0	٠,	, (• ü	13.1
NW	•	. 4	1.1	? . 7	. 8	2	• 4					7.2	14.8
NNW			7.2	> n	7.7	1.	• !					1.2	12.7
VARBL		1	1			1							,
CALM		><	\geq	$\supset <$	$\geq \leq$	$\supset <$	\times	\geq	> <	> <	> <	2.9	
		14.	21.5	29.6	15.6	2.	1.0	1.0				1.0.3	12.0

OTAL NUMBER OF OBSERVATIONS

070

SUPERIOR OF THE SUPERIOR OF AN ORDER

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND IRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

. '1	2 1 1 1 6 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· #F 7	≫ <i>[</i> , ∀
STATION	STATION NAME	YKARS	NTNON
		TEL DEATHS:	+1 + n = 15 <u>n</u> -
		CLASS	HOVES (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		·• -		4.		1.*	• ~	• ?				1 4 . 6	11.1
NNE		•	•	• **	•	•	• '					7	11.
NE		•	• "	•	• *	• '							11.1
ENE	•	•	• *	•-								2 • 2	8.
E	•	•		•		•						4.	9.
ESE	•	•			•							?•.	ં દે •
SE		•	•	• '	•	•						1.	12.1
SSE	•	•	• "	1.1	•	• /:	• ₹				!	4	15.
\$	1	•	1.	• ^	1.	•	• 1	• -		Ì		7.0	15.F
SSW		•	•••	•	?•:	•	• ;					0.5	15.8
sw	•	•		7.7	2.3		• *	• 7				7.5	18.5
wsw		•	• 'L		7.4	•	• 0					1100	15.4
w		•	. • 1	1.0	•	• '						v•?	10
WNW	•	•	• 1	1 . /1	•	• ′	• *					4.3	14.2
NW	•	•		1.1	1.1	•	• 7					\$∙?	14.4
NNW		1.	7.	7.5	1."	•	• 1					13.3	12.3
VARBL	1		1							1		1	
CALM		> <	> <			$\supset <$	><	><	><	$\supset \subset$	> <	:•^	
	,	i •	.7.5	35.8	16.7	2.1		• 5				1 3.1	12.7

TOTAL NUMBER OF OBSERVATIONS Q 3 %

CERTAL CLIBATOLOGY (ACCS) (CTTTAC) (CTTTAC)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	Control of Control of the	* _ -^ *	10 g N
STATION	STATION NAME	YEARS	MONTH
	· L	E WEXTURE	ನ=ಇತ್ತರ್
		CLASS	MOVES (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 · 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•						• 1					16.3	11.3
NNE		•		,		•							11.
NE		•	• '	• 6		•					1		9.7
ENE	•			•								3.5	١.,
E				• -			•				1		10.2
ESE			1.0	• *	• ^							3.7	> 6
SE		• 1,		• ^		•	•					.4	14.4
SSE				7.0		• "	• 1					7.1	14.2
5		• 1	• ′	1 • 2		• `	•					5.2	15.6
SSW	•		• `		1 . ".	• 4	• 4	٠,				6.9	15.4
sw			- 4	٠,٠	7.0	1	• 5	• ?				3.1	19.3
wsw	•			2	1.		. 7					4.5	15.4
w			•	7.		•	• :					7.3	21.3
WNW	<u> </u>			7.0	. 4	• ,						0.4	111.7
NW		• I.		3 •		•	•					5.7	14.5
WHH				J	7.		•					1.	1207
VARBL													
CALM	$\geq <$	$\geq <$	$\supset <$			><	><	><	><	><	><	. • 7	
		14.5	20.3	21.6	15.0	9.5	3.5	, iş				10.0	13.0

TOTAL NUMBER OF OBSERVATIONS

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BE TAL CLIMITOLOGY OF ANCH. THE TRO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

a 1	ያቸው ማለ <i>ለብር ለ</i> ፕ	*** *		*AY
BOITATE	STATION NAME		YEARS	MONTH
		ALL AEATTE		695 -116 6
		CLASO		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	•		٠		7.	1.	•					15.11	3.7
NNE	•	•	. • "	7.*	•							E . 4	12.3
NE		•	•	•	• 77							3.3	9.5
ENE	•	•	• ′	1.7	}							7.3	5.5
E .		•		5, €	•			•				11.0	11.3
ESE	•	•	• 7	1.2	• 1;				1			7.	14.5
SE	•	• 1	• 1:	• ?	٠,	•						3	1.3.1
SSE	•	• ′	•	. 1	• "			• ^		 		1. 6,	16.0
\$	•	• "	• *	.8	1.1	•		• 1				10	13.6
SSW	•	•	1.0	7.	2.4	•	• ^		ļ — — — — — — — — — — — — — — — — — — —				17.2
SW				3.6	2.1	•	• **	• 3				7.8	16.9
wsw		•	1.1		7.5	• 1	• &	. 3	 			7.1	15.5
w	•	• "	1.	• 7	• -	•	• .					5.4	12.0
WNW			• 1.	• ^	• 19	• /-	•		 			2.9	13.4
NW		• /	• 4,	•	₹.	•	•					8.2	15.3
NNW	•	1.1	2.4	5.7	1.0	•5	•					11.0	13.4
VARBL	 												
CALM		> <		> <			> <	>>	> <		> <	1.5	1
	4.7	•		37.2	15.7	3.	2.0	1.3				3 11 5	13.7

TOTAL NUMBER OF OBSERVATIONS

9 T

OF TAL CETMATCHOSS OF AMOUNT OF THE STORY OF A STORY OF

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

44	THE PROPERTY OF FAMILIES	_e t = 0.2	MAY
STATION	STATION NAME	TEABS	MONTH
		ALL SEATING	1000-1400
		CLASS	HOURS (L.S.Y.)
		COMPLIAN	

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N				1.7	2.5		• :					14.	14.1
NNE			1.	•	1	• 10					.	5.5	13.3
NE		•		1.1							I	3.8	15
ENE	•	•		• f :		• '						3.1	12.1
E	•	•	1 1	7.7	• '		•					3.7	12.5
ESE		•			• 1	•						3.0	12.1
SE		•		۰۲								3.0	11.7
SSE				1 .7	۶	• *						4.2	12.2
s	•	• ,	?	7.1	٦.٠	• 11	• 1				1	7.5	13.2
ssw				1.5	1.7	7.7	•!	1	Ì			7.8	17.5
sw	•	٠.		1.		1	• 4)	. 3	T			7.6	15.5
wsw	•		7	5 . 17	1.0		• :	• 3	1			8.4	14.5
w	•		1	7.7	1.1		•	• !				5.9	14.3
WNW	•		- '1	•6	• (. 7					2.5	15.8
NW		•	1.	2.ε	1.0	1.4	• 7	• .?				8.3	16.7
NNW			- 6	- 4	2.7	1.3		• 1				8.2	16.
VARBL				1	† - -	T		1 -		<u> </u>		1	†
CALM	>>	\geq	>		\geq	\geq	\geq	\geq	\geq	> <	>>	• 1	
		9.1	22.0	32.4	19.8	10.0	2.8	1.1				116.5	14.4

TOTAL NUMBER OF OBSERVATIONS

ELIPAT CLIPATHEOSY ILANCH ELAFOTAC AT STATUTE STEVIC, ZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

: 4	ELECTIVE TO A	7 + + 5 ;*	νAΥ
STATION	STATION NAME	YEARS	MANA
		MEL REATHER	16 40-1750
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥ 56	%	MEAN WIND SPEED
N			4 . 4	7.5	7.5							36.3	3.7
NNE		•	1.4	• (• ^							5.6	12.6
NE		•	• "	• *	• 3	• '						2.4	12.0
ENE		•		•	• t.	• "						2.7	12."
E	•	•	• (• 4								11.4
ESE	•	•	• *	7.7	• "	•	•					7 • 2	13.7
SE		•	•	• .	• /1	• 1						3.8	12.2
SSE				5.7	• 5	•			1				1 9
S		•	1.1	? . L	1.6	•	• 1		T			7.3	12.5
ssw	•		1.0	!	2.0	7.			 			3.7	15.6
sw		. •	1	1.04	1.0	• 1	• L!	• -			<u> </u>	6.7	17.5
wsw	•	• 1	7.5	2.	1.7	• f	• 1	•?				8.5	14.0
w			1.0	3.5	1.3	• -	• -					6.6	14.
WNW	•		• 4	. 1.	• 5	• 1.						2.7	18.1
NW				2.1	2.5	1.	• 5					5.9	17.9
NNW		•	• • •	4.0	2.3	1.5	• 4				<u> </u>	3.9	16.6
VARBL			1	†		1	-					ļ	T
CALM	><	>		><	> <	$\supset <$	> <	> <	> <	$\supset \subset$		• :	
			18.7	35.0	21.0	C . /,	2.3	٠,٥	1			្រ.ព	14.4

TOTAL NUMBER OF OBSERVATIONS

97.3

GT FAL CLIMATOLOGY CLAMOR U MESTAC Z SCATH - SCANICLIMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

*	Supert the Th	10 -5 <u>-</u> 5		MAY
STATION	STATION NAME		YEARS	MONTH
		ALL HEATHER		10.3 0- 20 0 0
		CLASS		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	≥56	*	MEAN WIND SPEED
N			4.	5.0	7.7							17.3	12.7
NNE		•	• 1	3.0	1.5	•						5.8	12.7
NE		• `	• ^	• -	• 5	• "						71 • I	11.3
ENE	ľ.		•	• ti	• 6							3.3	12.3
E	•	•	• ^	1 . 7								2.7	9.3
ESE	1	•		1.7	• 5		•					6.0	13.6
SE		•	• 11	• "	• 6	•						2.3	11.5
SSE		• 13	1.7	7.0	• 7	•						4.4	11.5
5		•	1.1	1.	1.2	•	• .7					6.1	13.7
SSW	1			2.0	2.1	1.	• ^					7.3	27.3
SW	i .		1.	1.2	7.1		. 3	• 1	•:			6.7	15.3
wsw		1.0	1.4	1.7		• '	• •	• 3				7.6	14.2
W	1	•	र्∙र	7.5	1.5	•						5.8	13.7
WNW		•	, 7	• c	, 7							2.1	15.
NW	•	• ";	1.1	2.0	1.0	1.	1					8.7	17.7
NNW	•	• '!	3.2	13.6		2.0	. 4				,,	· i •	14.8
VARBL													
CALM		> <	><	><	\geq	$\supset <$	><	$\triangleright <$	$\supset <$	$\supset \subset$	> <	• 3	
	1 7	9.0	Z0 - 3	35.4	19.6	9.1	2.6	. 4	•1			1 0.3	13.9

TOTAL NUMBER OF OBSERVATIONS

37.

GLOWAL CLIFATHLOCY OF ANCH UNIFETAC ATT WEATHER STRVICTION

O

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4	SUF MARKETAN			MAY
STATION	STATION NAME		YEARS	MONTH
		ALL WEATER		1.30-2300
		CLA98		HOURS (L.S.T.)
		COMBITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N			. 5	5.F	1.6	• F-						8.3	16.7
NNE	•	•	•	(• 1:	•	•					6.6	12.
NE		•	1.0	• (• ₹	•						3.7	9.5
ENE	•	•	• <	•	• C	•						3.4	11.5
E	•	•	• •	. · t:	• .	•						4.1	9.4
ESE	•		• -	•	• (• 0						7.3	21.5
SE	•	• 7	1.07	• .	• 1	•		†———				3.7	12.1
SSE		•	•	. 1	• ";	. i.,	• 5	1				١٠•٦	13.9
5	• 7		• 1	3.	1.5	1.07	٠.					1.5	15.2
SSW	•	• 3	• 5	1.07	1.5	1./	• 1	• 1				6.	17.2
sw		•		?•₺	1.0	• 5	•	• 1				€.5	16.3
wsw	•	• ~	1.0	3.07	• 11	• "	•	1				4.7	12.7
w			1.7	7.0	1.3	• !!						5.9	13.8
WNW		•	• .	•	• 1	• '					-	3 • 2	11.6
NW	•	• "	. 0	7.	1.1	1.	• 3	•2				5 • 5	15.9
NNW	•	1.0		3.5	2.4	2.7						23.3	14.4
VARBL		 											
CALM	><	>	>		\times		\times	\times	\geq	\times	\searrow	•	
	4.1	1 ?• 0	42.	30.5	15.8	1 7 . 4	1.6	.4				F10.3	13.0

TOTAL NUMBER OF OBSERVATIONS

93

GIT AT CLEAR TOLOGY TRANCH LINE TAC A TOLEAT TO SECULO Z AS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	WELL SECTION	· · · = · · · ·		× A Y
STATION	STATION NAME		YEARS	HONTH
		MEL USATER		<u> </u>
		CLA96		HOURS (L S.Y.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N			1.	η, ^	2.4		• 1	. 1				7	12.3
NNE	•	•		• -		Ÿ	•			L		6.0	12.2
NE		• '	•		• 4				<u></u>			3.5	10.5
ENE		•			•		I					2.3	19.2
ę		•	1 . 1		• `	•	• 1	•				7.4	10.€
ESE			•	• ?	• 4							3.3	11.2
SE		•		• 1	, 7	•	•					3.4	12.4
SSE		•	• "	• 12	• 6	• 7	• 1	• 1				3.9	13.2
\$		•	. 0	7.	1.7	•	•	• !				0.5	14.7
55W		•	•	٠,٠	1.9			• !				7.2	5.6
SW			. 7	1 o C	2.	• `	• 17	- 3				7.2	16.9
WSW			1.7	1."	7.	• 7	• 3	• 1				6.3	14.7
w	•	•	1.4	2.4	1.1	• `	• 1	•				5.2	12.7
WNW			. /1	1.0	- 5	• 5	. 1					3.2	13.9
NW		• "1	1.1	2.5	1.7	1 . "	. ti	. 1	I			7.8	16.
NNW		1.	2.1	7.7	2.1	1.7	• ?					1 .7	14.2
VARSL													
CALM		\geq	$\supset <$		$\geq \leq$	\geq	$\triangleright <$	$\geq \leq$	$\geq <$	$\supset <$		1.3	
	ь,	1:.3	1.	31.4	17.0	3	2.5	3.				200.0	13.5

TOTAL NUMBER OF OBSERVATIONS

t t	o 5	١.		٥L		p.	THEORY THATICH
: · .	1 17	T	A.	C			
£.		_	٩	T i	•	1	STOVIC- JHAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAP WINE SPEEC
N			7; • '>	4.5	2.0						Ĭ	15.4	11.
NNE	•	•	•		• 1	•						5.1	1
NE		•	• "	•	• 7	•						4.1	1
ENE	•	•	1.	•								3.1	9.
E	•	1.		• :	• ,							5.7	8.
ESE	•	•	1.	• €		•	• 7					7.8	14.
SE	•	1.	1.	•	• 7							4.1	7.1
SSE	•		1 .	• 6	• !	•						3	11.
\$			7.	4 .	7.	•	• 7			-		9.7	12.
SSW	•		1.	••	1.0	• **	• !!	• 7		<u></u>		9.7	15.
sw		•		7.	7.							7.1	14.
wsw		•	•	7. /	1.0	•		. 7				7.2	14.
w	•	1.	1.0	1.1	7.7	•						7.2	10.0
WNW	•	•	• "	• -								1.7	9.
NW	•	• "	•	1.0	<u> </u>	•	• 1					3.1	11.
NNW		• "	7.7	•	• .							4.6	10.
VARBL		T	1										
CALM		$\supset <$			> <	>	> <	>>	> <	> <	> <	2.8	
	7.07	17.		31.P	13.2	4.	1.0	•7			*	1:300	11.

TOTAL NUMBER OF OBSERVATIONS

ISAFETAC FORM (I-S-5 (OL+A) PREVIOUS EDITIONS OF THIS FORM ARE CREOLETE

CTUDAL SURBAT LOSY DIAGON BOURSTAD AT LODATHOLOGOVIO / AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

• •	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
STATION	SMAN HOITATE		YEARS	нтион
		ALL REATHER		<u> </u>
		CLASS		HOURS (L.S.T.)
		CONSITION	~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1 2.3	4.	•	2.0	• 3						4	11.4
NNE		•	1.7	7 .r	• =							5.5	1 . 5
NE		• 7	. 1	T t • ∃		•	•					3.3	13.2
ENE			i .	1.7	, T	•						5.2	11.7
ŧ		•	2.3	* • t;	• 1							4.4	10.0
ESE	• -		1.7	1.	• 7							4.1	10.4
SE				• 4	• 1	• 7						3.1	9.4
SSE	• '	•	. 4		• (•						4.3	13.9
5			7.7	1 . 0	1.6		• ,					8.1	12.6
SSW				2.€	1.4	• `	• 3	. 3				6.5	14.€
SW			7,7	7.6	î.	•	1					1 .5	13.3
wsw		• "	1.4	3.0	2.7		• !	• ?		<u> </u>		8.7	14.3
w	• 7	•		1.4	1.1	•						6.3	1:07
WNW		•		• (.							L	1.7	9.3
NW			1	1.6	• 6	•						4.2	12.4
NNW	•		1.9	7.								5.4	11.6
VARBL													
CALM		> <	$\supset <$	><	$\geq <$	$\triangleright <$	><	><	$\triangleright <$	><	$\geq \leq$	2.2	
		19.1	28.7	9.€	13.5	5.7	1.2	ناھ				110.1	11.5

TOTAL NUMBER OF OBSERVATIONS

BE SAE CLIMATHLOCY ANCH EMARCIAC ATT ATATIBLE SHOVED ZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

. 5	TITLE A ALCOHOLINA	~ · _c · ·		JUN
STATION	STATION NAME		YEARS	MONTH
		TEL REATHER		><30 - 586€
		CLASE		HOURS (L.S.T.)
			_	
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		7. 2		5.	?.≎	• 1						10.4	1.9
NNE	•	•	• 2		• "	•						4.9	12.
NE	•	•	• '	7.4		•	•					3.3	11.9
ENE	•	•		• (• 1							2.9	11.3
E		•	***	!	•							4.8	9.1
ESE	•	•	•	Λ • *	• 3	•						4.3	10.5
SE	• (• -	٠,٠	•	• 7	• ?						3.7	10.1
SSE	•	•	•	• •	• 6	• .	• '		ļ			5.2	11.4
S	,	1	7. 1	, ,	1.	• -	• '					3.5	13.5
SSW	•	1.	. •	•-	1.2	•	• 7	• 3				7.3	15.2
sw	•	! • '		7 - I	1.	• ``	• 1	• 1.				9.4	14.5
wsw	•	• .	1.1	71.0	7.	• '	•					9.1	13.3
₩.		. 5	[5.		1.		Ĭ					6.8	11.0
WNW				. 6	• 5		•					2.3	14.5
NW	• '	•	1.	1.	1.							3.9	12.9
NNW	•	• •	7.2	1.	• 2							4.4	11.9
VARBL	i												
CALM	><	$\supset <$	$\supset <$	><	><	><	><	$\supset <$	$>\!\!<$	><	$\supset <$	1.2	
		1	?	32.2	14.9	4 - ?	1.	•4				110.0	11.7

TOTAL NUMBER OF OBSERVATIONS 903

GU MAL CLIMATOLOGY - MANCH J. MITAT AT GEATH - SHIVIS JAK

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

· •	54558A 453 AK	; · - 8 ·		JUN
STATION	STATION NAME		YEARS	MONTH
		ALL SEATHER		076-1105
		CLASS.		MOVES (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	?	5.3	5.1	2.							15.4	12.1
NNE	•	•	• 5	7.2	1.7	•						4.9	13.5
NE		• 1	, Li	1.7	, li							7.3	12.4
ENE		•	5.03	1.6	• 1							4.1	1 : 1
E	•			2.0	• ~							5.6	1 . 8
ESE		• '	••-	3.	. 5							4.2	10.2
SE				1 . 3	• 7				I			4.7	8.9
SSE		• ?	1.7	1.7			• /!					5,0	14.0
S		•	• 1	?•€	• 5	•	• ?					5.0	11.€
SSW			2.3	7.2	1.7	1.	. 6	• 1				9.4	13.2
_ 5W			1.3	2.7	1.6	• "	• 0					7.9	13.5
WSW		1.7	1.4	٠	2.1							8.8	12.5
w	• ,		7.3		7.							5.4	11.3
WNW			• 3	•3	• 6	• 1		• 1				2.4	15.
NW			1.00	i.	1.7	• 1	• 1					4.9	13.3
NNW			1.4	1.0	• ^	• 1						r•i	12.3
VARSL													
CALM		><		$\geq \leq$		$\geq \leq$	$>\!\!<$	$\geq \leq$	><	$\geq <$	$\geq <$	• 5	
	4 . 7	10.0	27.8	34.1	16.1	4.0	1.7	•2				2.2	12.2

TOTAL NUMBER OF OBSERVATIONS

GU DAE CEEMSTOEGSY MARCH D 1551AG A LEATHER SCIVIC MAAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	CONTRACTOR AND CONTRACTOR	% -€ -	JU√
STATION	STATION NAME	YEARS	MONTH
	·LL - UE	4117	1100-14"
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		• '	2.0	7.7	2.2	1.1						1.6	13.4
NNE		•	• "	7.7	1 . 7	• **						t .4	15.4
NE		•		. • "	•	•			I	I		7.2	12.3
ENE		• `	•	• 0	• 7							4.	11.8
E		• "		`• 7	• ~							5.	1 .
ESE	1	•	1 • 1		•	•						5.4	17
SE	•	1.	1 . !!		• 1							1; .4	8.4
SSE	•	•	• 1	1.0	• '1	• :	. 3					4.4	12.0
5	. 1	•	• -	7.7	1.1	•	• -	•				5.•0	12.7
SSW		•	** • **	• -	1.7	, .	• .					0.1	14.
sw		• 7	1 . 6		1	1.	• 1					9.6	13.8
wsw	•		•	7.	1./	•						8.3	12.6
w			7.7		• ?							4.6	11.
WNW	•		• "		•	1.1						2.3	17.6
NW	•	• "	• 7	1.01	• ?	•	• 1					3.5	14.2
NNW	• `	•		, .	• ^	•						5.7	12.7
VARBL				1									1
CALM	><	$\supset <$	$\supset <$	$\supset <$	><	><	><	><	$\supset \subset$	$\supset <$	$\supset \subset$	• *:	
	u		23.6	33.€	14.8	7.	1.7	• ,	ì			"ເາ	12.8

TOTAL NUMBER OF OBSERVATIONS

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GE TAE GETENTTHOUSE " ALCH BESTETTO ALC STATHUS SERVIC ZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	The King AF	, - 65		JUN
BTATION	STATION NAME		YEARS	BONTH
		TIL REATERS		1976-1787
		CLASS		HOURS (L.S.Y.)
		COMDITION		

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N			1	7.7	7	- 1							3.6
NNE	1	•	•		1.6	• 1					I	5.3	15.1
NE		•	• 7		• 3	•		Ĭ				6. 6.7	13.7
ENE			1.0	1.1	• 11							3.3	17
ŧ				7								(13.0
ESE					• 2	•						/; • · ·	71
SE			, u	7	• 6		·					1 7	10.7
SSE		• .,		1.0	1.1					· · · · ·		1.0	11.5
S				1	7.	• '	• -	• 3				2.9	13.5
SSW		. 1		2.0	7.1	1.5	• 7	• '				7.7	• E C
sw		1	1 . 11	7	1.5	1.	• >				l	0.2	:3.5
wsw				7.7	1.3	1.	• "					• 3	13.2
w			7.1	1.0	. "		•				ļ — — — — — — — — — — — — — — — — — — —	4.8	11.2
WNW	•		. "	.,		• •						2.6	16.
NW		•	• •	1.	• 6	• 7		.:				7	24.6
NNW			• 7	7.0	7.7	• 11							14.1
VARBL	 	† 	 	† -	† 							- `•	14.78
CALM	>	$\geq <$		><		> <	\times	><	>>	> <	> <	• :	t
		13.0		4 1.5	15.7	7.3	1.1	_ 6			`		13.2

TOTAL NUMBER OF OBSERVATIONS

CIT AL CLUBET LOSY BYANCH CONTINUE AT FURTH A DESIGN MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

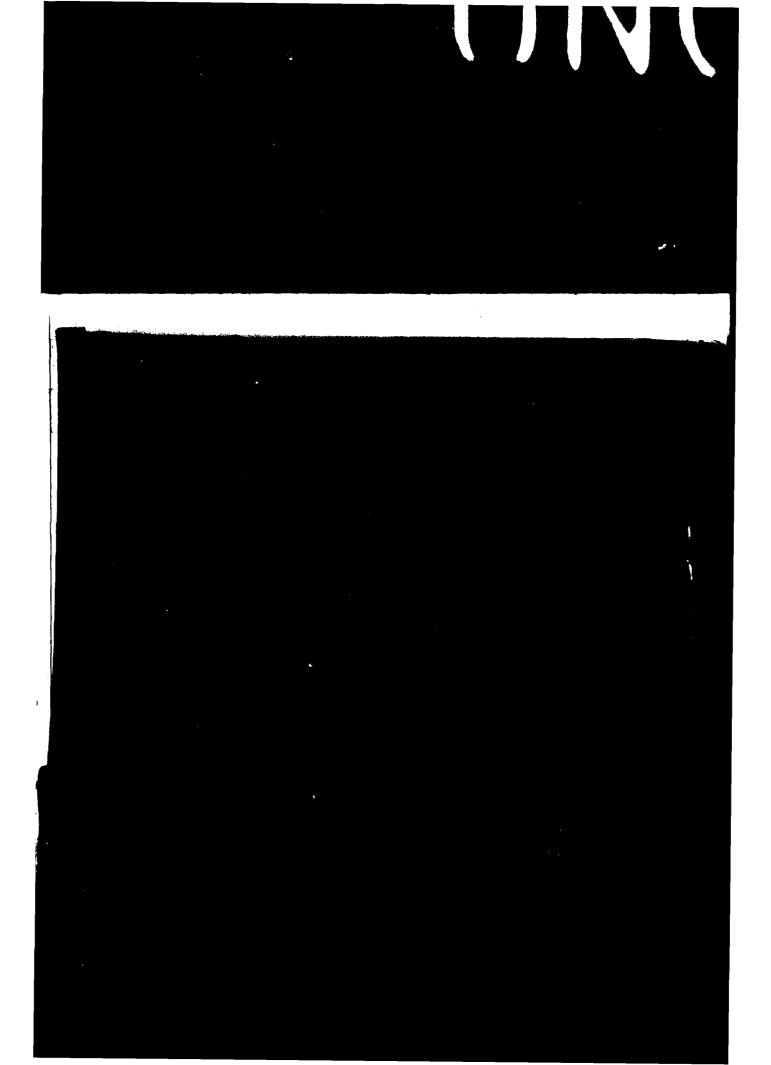
+	12 1 Port 1 Port 2 Port	=' '	aU''
STATION	STATION NAME	YEARS	MONTH
	ALC: MEA	TII	200 - 2005
	«u	186	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		: • a		5.0	7.	• "						14.8	13.2
NNE		•	• 4		• -							1.1	11.7
NE		•	• ^	•.	• 1	•						3 • 3	12.5
ENE	•	•	•									7.3	1
E			. •	1.0	• 7			·				F.9	1 . 9
ESE				1.0	•	•						3.7	11.0
SE				T				İ				4.2	9.3
SSE	<u> </u>	• ,											11.5
- · · s	• ·	•	7	1			• :	• ?				2.1	14.6
SSW	•	•	•	•	2.7	•	•	• 3	• -			t	47.3
SW		•		7.7	1.1	•	• 1	l	†			∘.7	12.9
WSW			1	4.0	1.6	•		•	· · · · · · · · · · · · · · · · · · ·			1.5	13.7
		!	7.1	1.1	• 1				1			6.7	11.01
WNW	 		. 7	•	• 7	•						1.7	14.1
NW	•	•	• 11	7.7	• `	•	. ?				-	1.3	*4.5
NNW		· · · ·	T.	· . t,	1.5	•						3.7	13.1
VARBL	 		1	!	t	 	 -		 		<u> </u>		+
CALM		\geq				> <			>	> <	> <	•	<u>† </u>
	, -	1.7.	:4.	39.6	15.7	4.5	j	• ?	• -				12.5

TOTAL NUMBER OF OBSERVATIONS

0.5

SHEMYA AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS. (U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 84 AD A146 917 3/5 USAFETAC/DS-84/018 SBL AD-E850 740 UNCLASSIFIED F/G 4/2 ΝL U U ľ I



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A STATE OF THE PROPERTY OF THE PARTY OF THE

BY AL CUTHATHEOUN STANDH FORTAG A ATE CONTINUE MAC

SURFACE WINDS

1

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

100	A 4 4 4 4 4	re and g		JUN
STATION	STATION NAME		YEARS	HOMTH
		LL - 607 %		<u> 100-130. </u>
		CLASE		10425 (L.S.T.)
		CONSTITUTE		

SPEED (KNTS) DIR.		4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N				5.7	7.	• 7						15.7	11.9
NNE	•		2 . ₽	, . 7	• 0							0.6	1
NE		•	1.1	• *	• 7	•						4.	2.1
ENE		•		•					1			3.1	9.1
E				î. • ·		•						₹.2	10.1
ESE	1	•		•		• ~						7 . 9	10.3
SE	•		٦.	• ′	• 1							4.6	5.5
SSE	•		•		• 25			!				3.6	7.07
5				٦.٠		• 1	• ~					3.2	12.3
SSW	•		1.	. 7	2.3		- 4	• 7				9.4	15.8
sw				1.5	1 . /.	• ^	• ~	•	• '			?•?	14.5
wsw			:•′	7.€								• 1	13.2
w	•		11		• "							6.7	9.5
WNW			•	• "	• 1	•		I	[1.1	13.7
NW	•	. :	3.1	" . C	• ^		• 7					4.:	12.9
NNW			1.3	1.1	2.2	• .						4.	1.3.2
VARBL													
CALM		$\supset <$		$\supset <$	><	> <	><	$\supset <$	$\supset <$	><		:•1	
		14.3		22.4	13.3	'; • ti	1.3	-				, _	11.2

TOTAL NUMBER OF OBSERVATIONS

LE CAL CLIBATCLOCY FIANCH BOTTIFIC AT MEATHE STRVIC MAC

(p

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ι	517 MM 745 M	<u>.</u> σ ::		JUH
STATION	STATION NAME		YEARS	MONTH
	*1	LL MENTH		SEL
		CLASS		HOURS (L.S.T.)
		COMPITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N			11.	•								15.5	12.4
NNE	•	•	• ~	7.	•	•							12.3
NE	•	•		•	•	•	•					3.7	11.7
ENE	•	• //-	1 •	• "	• 7	•						3.4	10.0
ε	•			•	• "	•						5.3	10.2
ES€	•		•		• 3	•	•				l	4 • -	10.7
SE	•		•	· ·	• -	•						4 • 1	5.4
SSE	•	•	•	•	•		•				-	4.	11.8
S			7.1		•	• "	• ?	• 1	•			8•7	12.6
SSW	•		1.	1.6	1.0	٠.	. "	• ?	•			5.6	15.3
SW		•	1.4	`	1.7	7.	• 1	• ~	•			€.6	13.9
wsw		1.	***	***	•	•	•	• 2				9.3	13.4
w	•	•	7.7	1.	• ~	•	• "					6.1	10.€
WNW			• 11	• (• ,	• 3	•	•				0.0	13.7
NW	•	• 5	•	1	• 7	•	• 1	•				4:.0	1 '. 3
NNW	•	•	1.0	***	1.	• ~						5.3	12.6
VARBL		<u> </u>	1	 									
CALM	\geq	\geq	\geq	\geq	\geq	\times	\times	\geq	$\geq \leq$	\geq		1.4	
		12.5	20.7	34.9	14.7	5.3	1.1	• 5	• i			2.1	12

TOTAL NUMBER OF OBSERVATIONS 72-3

TO THE SECOND TO SECOND A SECOND SECO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	≈ ^{(2, ∞}		JüL
STATION	STATION HAME		YEARS	MONTH
		LL STATES		# 3 7-320#
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		!		1	• '	•	• -				-	j_9	11.2
NNE					• ^							7.3	0.
NE					• "							4.5	8
ENE			•	• ′	• '	•						3.4	9.6
ŧ				• <i>t</i> t	• '	• 7						4.9	10.4
ESE	<u> </u>	•	•	• 1								3.1	ξ΄
SE	•	• 1	•	•	• *							3.7	6.4
SSE		•	•	• ^	• '	• `	•					4	10.2
S	· ·	•	•	. • *	•	•	• 1	• *				7.8	11.3
SSW		•				• *						9.8	12.3
SW		1	• /	•	. •	•	• 7					2.9	13.4
wsw		•	•	`	•	•	•					11.7	11.5
w		•	'•	7.	• 6							9.7	8.7
WNW			• '	•	• ~							1.5	8.1
NW		• 1	•	•	• 11				·			11.0	11.6
NNW			1 . /.		? •	•						5.	11.5
VARBL		1										ļ	
CALM		\geq	\geq	\geq	\times	\times	$>\!\!<$	\geq	\geq	\times	\times	3.5	
		1.09	24.5	27.5	1,7 . 7	7	1.3	1				2.0.0	1 3

TOTAL NUMBER OF OBSERVATIONS

CE ME CEREATILE Y 1 ANCH 15 TAC 15 CATHAN CODVIC / AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	the first with the	the L ety	JUL
BOITATE	STATION NAME	YEARS	MONTH
		ILL MEATHS	: Tyr=1510
		CLASS	MOVES (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		•	7.5	7.	• '	•						F . 3	9.7
NNE	•	•	• ′	•	•							1.4	7.0
NE				. •	•		[}		4.5	8.9
ENE	•	•	• 7	•	• 7							3.4	ن• ن
E	•	•	1	1.0	• 1	•						e • 5	10.9
ESE	•	• *	• 1	•	• 7							2.1	7.5
SE	•	. •	•	•	• `							2.3	6.3
SSE	•	. •		•	•						1	2 • 3	8.5
S	• 7	1.0		• *	•	•	• 1					1.7	15.3
SSW	•	•		•	1.		•					r•3	12.0
SW	٥	•	`•	7	• 1	•	• 4					1 . 3	12.5
WSW			~•	P . *	1.7	•	•					1.7	11.7
w	•	•	1.7	•	•	•						0.9	10.3
WNW	•		• ^	• *									6.9
NW	•	•	1.0	. • *	• !-				1			7 • 3	13.3
NNW		•	7.71	. • 1	7.7	•	•					7.0	13.3
VARBL			<u> </u>										
CALM	><	><	> <	><		$\supset <$	><	><	$\supset <$	$\supset <$	> <	3.3	
			27.7	2.5.0	10.6	7.	. a					2.7	14.2

TOTAL NUMBER OF OBSERVATIONS

07.

CT THE CESPATHEOUY T ANCH T FITAC A FITAT R STOVIC MAD

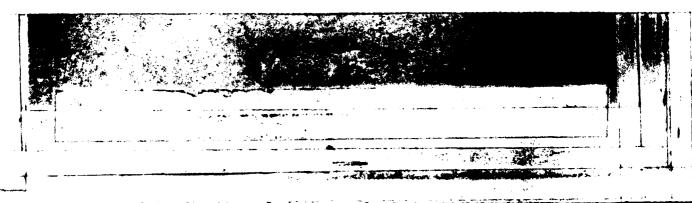
SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

n inter	VALUE OF AV	- ,		յ նլ_
STATION	STATION NAME		YEARS	NONTH
		7 11 ********		16 F=1867
		CLASE		HOURS (L.S.T.)
		COMBITION		

SPEED (KN7S) DIR.	≀ - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
			1.	• -	•							2.3	٤.5
NNE			•	1.6	• /1								8.9
NE		•	• "	. • *	• f:							4.2	9.6
ENE		•	•		• ~							3 • 3	1 . 2
ŧ		•	•	• :	۰۲							4.2	€.**
ESE		•	'.	• '	•							2.7	60.7
SE	•	•		• !	• ^							3.1	7.4
SSE		•			• 1							4.3	1.01
5			10.3	!	1 . 7		•					7.6	1 . 0
SSW		•	1 .	7.5	• ^	1.1						• 3	13.7
SW		•	•	7.	•	•	• -					5.3	31.5
wsw			7 . 7		7.1	•						0.0	13.0
w			î.*	T	١.,							9.4	16.
WNW		1.	5.5	. 7	• t							3.4	0
NW	,	• '	1.	• 6	•••	I .						4	11.2
NNW			1.3		2.0	• ′′	• *					7.1	14.0
VARBL			1	1									
CALM		\geq	\geq	\geq	\geq	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	\geq	><	٠.	
		10.7	6.3	26.6	17.2		• •					1.00	25.04

TAL NUMBER OF OBSERVATIONS



Since the central following and the control of the

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	 			JUI
STATION	SMAM BOITATS		YEARS	MONTH
		11 6 6 (11)		v 10 = , 10 1
		CLASO		HOUSE (L.S.Y.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		•		•	•							:	0.3
NNE	•	•	•	•	• 1.							5.7	9.7
NE		•	•		• F	:	1					4.4	1101
ENE	" ·	•		•	•	•						. 0	11.
•		•		` · •		•	† 			1	1		11.4
ESE	•		· • · · ·	•	•		1		1		1	2.3	0.6
SE	••	` ' _• '	. 1 4	•	• • •	† —	1	1	i	† ·-		3.0	9.1
SSE	•	•			•	:	*	1	†			4	8.7
5	•	• •		` ~ • •	•	•	•	† · · · · ·			·	7.8	10.0
ssw	•	• •			· •	† · · · · ·	• • • • • • • • • • • • • • • • • • • •	<u> </u>	 	1			12.8
sw	*		7	•	• • •				†			0.5	11.6
wsw	•				15 T	1 •	+ -	•	t	 -	·	1	12.1
w	†					†	<u> </u>	1	1	 	-	7.2	8.9
WNW					† -: <u>-</u>	 	† ··	†	1	 	 		11.1
NW		t	· · · ·		T	† ·	†·	t	†		 	5.	13.5
NNW	 		T.	 		- -	 -	 	 	 		5.7	13.3
VARBL	!	•	i	—	 	 	 	 	 -	 		+	1 3 5 5
CALM					\geq							2.4	
	• ,	17.4	7.5	3 .0	100			_	*			27.0	17.5

TOTAL NUMBER OF OBSERVATIONS

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SE AU CEIPT TOLETN - ATOM E CEIAC AT CATA STEVIC MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_		CLANG									HOURS (L.S.T.)			
					•	LABO						100	JMS (C.S.T.)		
	-				coi	HOITION									
	-														
SPEED (KNTS) DIR.	7 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	×	MEAN WIND SPEED		
N	-		1.7	•••	1.			•		 		1	14		
NNE			1.0						ļ			4. ^	1		
NE		1 .	1	1.6	• 1				1			4.4	11.5		
ENE	•			1	. `	•	1		1			4.3	11.5		
E		•	1		• /	•	•					0.3	12.7		
ESE			• -	•	•							7.3	8.:		
SE	·	•	1 1	-			· · · · · · · · · · · · · · · · · · ·			1		4	15.2		
SSE				•		T						5.3	7.		
S	•	1.7.	7.0		7.1	•				†		Ç.8	10.5		
ssw	•	•	7.7	1	1.	•	•		1			1 . 5	13.8		
sw	,	•	7.1	1	1.	•	•		<u> </u>			0.1	1.1.		
wsw	•	· · ·		•								-0.8	11.6		
w	•	T	-		•		· · · · · ·			†		6.0	9.5		
WNW	•			• (•		1		T			2.4	71.7		
NW	•	•		• ^	٠.,				1	T	T	1	14.		
NNW		•	• (1	1	•	· · · · · ·	T			5.7	4.		
V4881		+	 	† 	+ -	†	t	 		 		+	+ '*		

TOTAL NUMBER OF OBSERVATIONS

C) AL CENMENT LOCK ANOTHER TRACE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	A CONTRACTOR	** - ** *		JUL
STATION	STATION NAME		YEARS	MONTH
		ALT - SATEG		1515-1 7 55
	- · · · · · · · · · · · · · · · · · · ·	CLASS.		HOUES (L.S.T.)
	v			
		COMPLYION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		•	•	٦.٠	1.0	• 1:		• '				0.3	13.1
NNE	•	•	• 6	١	• ^							5.1	?•:
NE		•	•	•	• 7.	•						4 . !	12.7
ENE		•	•		• "							7.	72.
E			•	• *	• .	•						• 1	! 3 . 1
ESE	•	•	• 1	•	1	•						2.4	9.
SE		7.	•	1.7		•						i	8.8
SSE	• "	•	1 7.7	• ?	• *							(• `	8.:
5	•	•		1.6	7.0		•					∘.7	1.2.
SSW	•		•	7.	2.	• ′						10.2	12.7
sw	• *		10.0	*•	• ~		• '			_		1.2	11.6
wsw	•	•	2.07	7.5	• *	•				· · · · · ·		70.4	10.
w	•	1.		2.1	•	1						· · ·	:1.2
WNW	•	•			7.1					i		• 3	:3.5
NW	•	•	1.0	• ^	1.7	•						4	15.2
NNW	•	•	•	7.7	7.11	• 7,						1.1	15.
VARBL			†	1						 			†
CALM	><	$\supset <$	$\supset <$	$\supset <$	$\supset \subset$	> <	> <	> <	> <	> <	> <	• 11	
****	.5	27.2	25.6	28.0	16.7	A .	• '.	.,				0.7	11.6

TOTAL NUMBER OF OBSERVATIONS 9

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	1. Commence of the Commence of	 €		_ JUL	
STATION	STATION MAME		YEARS	MONT	×
	'LL	্ষ্কৃত্যা ৮		10 5-0	^ ; _
		CLASS		HOURS (L	.S.T.)
	*	CONDITION			

SPEED (KNTS) DIR.	7 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N			- • •	•	2.7	•	7						2.5
NNE		•		7.1	• ?	•						≎ و د	j . • ^
NE	•	, •	•	•	• `	•							1
ENE	1 - 1	•	7 7	• (•	• `						5.6	11.7
E	! _	•	• ^	•	• -		•						11.6
ESE	1	•	•	• 1		•						2.5	1 .
SE	•	•	•	• "	•							3.5	٠ ع
SSE		•	•	• 1	• 5							6	9.
\$		•	• 7	· • ·	•	• 1	•					7	12.5
55W		•	•		* , ti		•					-	11.0
sw		•		4.0	`• `	•						11.3	1.
wsw				7	2.7		• '					11.1	31.2
w	•		7.0		• /*	•						9.7	9.
WNW				• **								• -	7.1
NW		• 1			1.4	•						2.5	15.
NNW		• "		i • -	1.6	•						4.5	14.7
VARSL				L		L							L
CALM	><	$\supset <$	$\supset \subset$	><	><	> <	><	><	><	><	><	`•2	
			23.0	27.9	14.6			,				770.0	

TOTAL NUMBER OF OBSERVATIONS

THE RESIDENCE TO LOGY THAN CHARLES $\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \frac{$

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

:		÷'	JUI
STATION	STATION NAME	YEARS	MONTH
		THE EXTREME	199 ± \$55,1
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	*	•	• ′	7		•	•					•	• •
NNE	•	•	U U	• /		•						4: • 5	
NE		•	• '	• 7							Ī	7.0	7.0
ENE	•	•		•	• (•					1	4.3	•
E		•		• 1	• '							1.0	71.
ESE	•	•	• ^		•	•							6.0
SE		•		• 1	•							· • !	6.
SSE		. •	• ~	• /	• ^	•					!	9.5	12.0
5						•	•				1	7.	12.0
ssw	† · · · · ·		•	7.	• *	•						•	11.5
sw	†	•		•	• (·	7.9	12.3
wsw	<u> </u>	•	7.7	7.7	7.0	•	•					1.	11.0
w	† <u>-</u>	2.0	1	7.5	• 1						j	3.9	8.3
WNW	i	• 10		 								1.1.	7.
NW					• "	•					·		
NNW		•	•	٦.	•								11.1
VARBL	†	1	†	 	 	<u> </u>	<u> </u>	ļ	<u> </u>		<u> </u>	 	1
CALM			><			> <	><	> <	> <				
	-		_0 -	٠, ٠	111		·	*******	•				10.

TOTAL NUMBER OF OBSERVATIONS

THE THEORY OF ANCH

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	-				LL OF	LASS							_{_{_{1}}^{2}} ud (L.B.T.)
	CONDITION												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAI WINI SPEEI
N	·			1.	<u> </u>	· .		•				•	11.
NNE	•			1 !								C. •	9.
NE	•		1.	• 7	• 1							•	7
ENE		• "		11.	• 1	•						1	1.1.
E		•	1.5	•	• '		•					• 5	110
ESE			• "		• *	•						2•€	8.
SE	·			_• °	•,	•						3.0	€ •
SSE	,	•	1.0	9.	• 0		•					4	9.
\$		•		. 7	1.0	•		•					11.
SSW	•	•		2.7	1.5		•					• 1	12.
SW				1.7	!							:•1	12.
wsw				7.	ੇ•	•	•						1
w	,	`•			• "	•						6.5	9.
WNW			• •	•	. 7								9.0
NW	•			1.7	• ?	•						4,	13.3

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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1.4	The state of the s	-f		♦ ફૂર,
STATION	STATION NAME		YEARS	MENTA
		TIE REPORT		1 - 12 - 1 21 1
		CLASS		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		•	• '	• •	, , ,	•							1.
NNE		•	•	• '		•	•					• '	•
NE		•	•	•	•	•						•	
ENE		•	•	•	•							• .	11.
E		•		•	•								• (
ESE	•	•	•	•	•							•	1.
SE		•	•	• `	•		•						9.6
SSE		•	-	•		•	•					-	1200
5	•	•	•	•	•	•	•						13.7
ssw	•	•	•	1	7	• 1						1.5	14.7
SW	•	•	•	• '1		•	• 1	• 7					14.2
wsw		. •		•	•	•						1.	13.€
w		•		• 1	•	•						1.0	٥.
WNW		•		•								•	
NW	•	•	• :	•	- 5.*	•	•					• :	12.7
NNW	,,	•	•	• 7	-"	•	•					L.'	13.4
VARBL			1	1									
CALM		><			> <	><	> <	> <	\geq	\geq		• 3	
	•		· • ·	3 . *	, 4 , 1		1.	• 2					1::-

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

6.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u>-</u> *		AU
STATION	STATION NAME		EARS	804711
		TEL CARR		1 -35m
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 3	4 - 6	7 - 10	11 - 16	17 - 21	72 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N					1, 1	•							1:
NNE	•	•	•	•	•	•			Ī	!			15.5
NE				• ′	• 1				[t	11.
ENE	•	•		•								• 7	1.
E		•				•						1.1	ς , α
ESE	•	•	•	• ~								•	6.7
SE		•	•	• t·		•						2.6	5 • ₹
SSE		•	•	•	•	1.						1.3	12.8
S		•	· · ·	•	1.04	•	• "	• 1					1.5
ssw		•	•	· . t:	•		• 10					.5	13.0
SW	•	•	•	1.	•							· • 7	13.9
wsw		•	. •	•	-	•	• 11					10.7	14.0
w	•	•	•	4.5	• 4	•						•	14.3
WNW		•		• "	• '							2.1	9.3
NW		•		•	•	•							16.03
NNW	•	•	•	•	• 1	•						Ε.	12.2
VARBL	L		1										
CALM		$\geq \leq$		$\geq \leq$	$\geq <$	> <	\geq	\geq	\geq	\geq		F • F	
	,	,		2د	10.2	7	6	. i	,,,,,,,,				11.5

TOTAL NUMBER OF OBSERVATIONS

HE TAL TELMS FREDLY TO AMORE MODIFIED AND AND AMORE MODIFIED AND AMORE MODIFIED AND AMORE MODIFIED AND AMORE MODIFIED AND AMORE MODIFIED AND AMORE MODIFIED AND AMORE MODIFIED AND AMORE MODIFIED AMORE M

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.4.	The first of the state of the s		AC'
STATION	STATION NAME	YEARS	Mentu
		TEL FATE	, * - * ,
		CLASS	HOURS (E.S.Y.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	*	. •	•		•							2.5	• 6
NNE		•	•	•	•	• `						3.00	10.7
NE		•	•		• ^	•						1.05	6.0
ENE	-		•	•	• 1	•						* o	1
E	•	•		•	•	•	•					7.0	11.1
ESE		•	•	•	•		• `					4.00	7
SE	•	•		•	•	•			Ī			3.5	9.K
SSE	•	•	•		• 3	•						3.5	11.2
5		. •		• 7	•	•	•			ļ		11.7	12.7
SSW		•	•	•	•			T					13.1
SW	· ·	•		• !	•	•	•	!	1	i		.: • 5	14.5
WSW		•	*.	• 1		•	•	•				• 1	14.4
w	•			• 1	•	•						1 1	1.01
WNW			7	• '								3 • 5	€ • 7
NW		•	1	• '	•	• '						•	*3.3
NNW	•	•	• ^	•		•						4.	12.4
VARBL			†			1				<u> </u>		1	
CALM			$\supset <$	><		> <	> <	> <		> <	><	4 • 5	
	4.	7'.	_ T. C		4.7	7.	i • :	• 1				15.	.1.6

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		· -'	Fu.
STATION	STATION HAME	YEARS	SCRYM
	NLL OF		0 (0-110)
		A86	HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N			7.	•	•	• ,							1.1
NNE				•	•		• :					7.5	13.8
NE		•	•	•	• 1:							• 2	. 2 • c
ENE		•	•	•	•	•							* 5 . · ·
E			• 5	. '		•						2.5	9.6
ESE		•	•		•	•						2.5	3.9
SE	•	•	•	• 1								4.3	9.
SSE				•	• '.							3.0	C . 14
S		•		•	0.0	٠.						· ·	14.5
SSW		•		•	-								14.1
sw			•		7./							13.2	12.5
wsw	· ·	· ·	1 2.4		• "	•		1				1.3	12.5
w		•	***	· Li	•				1			11.6	7.7
WNW	9			• 1	• 7	•				1		2.*	13.4
NW		•		•	* . 5				·				7.20
HNW				1. a	1.				<u> </u>			5.0	12.8
VARBL	#	-	1	I			1	· · · · · ·		<u> </u>			1
CALM	\geq	\geq		>>	>	$\geq \leq$	\geq	\times	$\geq \leq$	\times	> <	. • 2	
		10.1	26.	29.2	16.5	5.6	<u>. r</u>	3				1000	11.9

TOTAL NUMBER OF OBSERVATIONS GOOD

CHARLING SELECTION TO ANCH.

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	A CONTRACT CONTRACT	_'		wan
STATION	STATION NAME		YEARS	6047#
		I Francisco		; 1.5 -14 1
		CLASE		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	i 7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	/		•	•								
NNE			•	• "	• 1	•						• 3	13.5
NE		•	•	•	•	•	•]			. • *	5.0
ENE			•	•	•								7.
E		•		•	• •	•					i	•	11.7
ESE		•	•	•	•	•		•				•	7
SE		•	/	• (•							3.7
SSE	•	•		•	•	•						•	• 7
S			• ~		1.7	•	• •					•	:3.
SSW	•	T .	•	7.		•						1.0	*4.4
SW	,	•		•	•	•	•					4.7	11.7
wsw		•	1: 4	0.1	î. • T	7.						4.1	12.4
w			• (1	11.07	1.1	• `						•	1100
WNW		•	• *	•	•	•			<u> </u>			•	1.0
NW	•	•	• `	* • 5	" • ¬	•						•	3.
NNW		•	7.	•	• -	•						4.	15.5
VARBL		1										1	1
CALM		$\supset <$	><		>	> <	><	>			> <	• '	
	. 1	11.	.:.1	34.3	7.1	•	• (• ,					12.5

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

. 1	to the contract to	_~		₽ U n
STATION	STATION NAME		YEARS	MONTH
		121 74 (1)		15 (0-1770
		CLASS		MOURS (L.S.T.)
	-	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		•		's !	1 . 7								3.5
NNE	• •	•	• 1	* • 1	•								13.2
NE		•			• 1	•						• 3	1 E . 1
ENE		•	• `		• `							3	
E	•	•	• ,	• !!	•	•						3.7	11.0
ESE		•	•			•						₹.5	6.9
SE	•	•	•	. •	• `							• ^	7.€
SSE	•	•	•			•						3.0	10.9
S		•	•	•	•	•	• 3					3.0	
ssw		•	•	`• ^	7.5	•	•					?	13.2
sw		•	•	1.2	• •		• 1					3.7	13.4
wsw			•	7.7	^ • r	•	•					1.7.4	12.9
w	•		• 1		(•)	•			[11.0	10.3
WNW		•		• "	• *							2.5	: • ?
NW		•			• 1	•						4.5	14.4
NNW		•		l: • 1	•							f3 • .	11.0
VARBL													
CALM	><	><	$\geq <$	><	><	><	$>\!\!<$	><	><	$\supset <$	><	• /1	
				33.3	17.8		- (12.6

TOTAL NUMBER OF OBSERVATIONS

I AL CLIFFTY PLOUS OF ALCH

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

•	t o t	<u>.</u>	A U'
STATION	STATION NAME	YEARS	BONTE
	L.L. C. A		7 0-9.03
	Gi Gi	AND	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	•	•	•		•						1.00	ς,
NNE	•	•	•	• ′	•							•	120
NE		• 1	• /•	• 7		•						•	12.4
ENE	•	•	•	• 11	•	•						T .	€7.5
E				•	• "						i	7.	• 1
ESE	!	•		• 7	•							7.	ძ• წ
SE	*		1	• *	•				i		1	• '	1 7
SSE		•				•	•	1				• ?	12.
5			1		•	•		1				7	11.0
SSW	,		•	1.	7.7	•	• !	1			<u> </u>	1.7	14.3
SW	·	•	• *		**	•	•	•					14.5
wsw		•		1				1				1.	12.7
W		•	. •		7.	•							111.1
WNW	1 •	•	1				†					2.5	7.7
NW		•	•		• ~	† 	i	1				€.	13.5
NNW				•	. 11							•6	12.5
VARBL	.	†	1		T			<u> </u>	1			1	1
CALM				>		\geq	\geq	\times	\geq	>		•	
	۲.	1: •		34.7	5.1		7.	. 1					12.3

TOTAL NUMBER OF OBSERVATIONS

LAR SET NAMED AND STROKE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· · · · _		
STATION	STATION NAME		YEARS	HOUTH
		TEL TEATLE Y		11.5-1.
		CLASS		HOURS (L.S.T.)
	***	COMPLITION		

SPEED (KNTS) DIR.	1 . 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	-	•	. 4	16.	1.02	• -						1, 2	11.5
NNE	•		• 1	• .	•	•					l		13.
NE	•	•	• 7	• ′	5			L				٠ĉ	13.5
ENE		•		•	• 7	•						• 3	11.4
E		•	•	1.	• *							3.5	•
ESE		• 1		•	• 7	•							1
SE	•			• "	• 7	•					Ī	1 3 · 3	500
SSE	•	•	T	7.		•							12.9
s	•		***	7.7	1.2	•	• 1					• ;	12.4
SSW				7.7	7.	٠.	• !!						14.
sw	•	•	1.	1.0	1.0	. 1	•	• 1:				0.1	140
wsw				P .	7.		• -					1.	14.
w		2.5	1	<i>tr</i> •	, F			1			<u> </u>	11.2	0.
WNW		• 1		.,	• 1								8.
NW			· · · · ·	1	• *							4.	12.0
NNW		1.7	1	. 0	• •	•	1						11.
VARBL		ļ 	1	<u> </u>			<u> </u>		T				1
CALM		><			$\supset <$		$\supset <$			> <		7.	
		: "		31.6	12.0	*	1.7	• 4					

TOTAL NUMBER OF OBSERVATIONS 93

HISAECTAC FORM (L.B.E (OL -A.) REMUNCIE COLLIQUE OF THE FORM ARE DESCRIPT

AL OUTSTALLERS SO WORK STAR

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME TEARS BOSTON ALL CLASS BOSTON CLASS.

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	•	•	•	•		•						1 .5	12.9
NNE		•	•	• -	•	•	•						1.3.5
NE	•	•	•	•		•	•					· 3	*4.1
ENE	•	•	•	•	•	٠						• 1	12.
E		•	•	• • • • • • • • • • • • • • • • • • • •		•	•					3.	10.5
ESE	•		•	•		•		•				•	9.4
SE	*		•	•			•				_	7.3	2.5
SSE	. '	•	•		•	•	•					7.07	11.5
5		•		• 15		•	•	•				9.7	13.2
SSW	•	•			•	•	•					. •3	13.0
SW	,			•	•	•	•	• 1				9.1	13.6
wsw	, , ,		•	1.	7.0	•	•	•				1 .0	73.4
w	,	•	1.	-	• .	•						11.6	13.4
WNW	•			• !	• .	•						7.3	?∙
NW	,	•	1.	1	••	• 1	•					4.	12.0
NNW	•	•	1.1	•	• ^	• `	•					- 6	12.6
VARBL		Ţ										Ĭ	
CALM	><	$\supset <$		$\supset <$		> <	> <	> <		> <	>>		
	1,		. : • ′	31.0	15.	6.2	1	•	3			2.5	1

TOTAL NUMBER OF OBSERVATIONS

-470

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

· ·	STATION NAME	YEARS	S C C
STATION	SIATON NATA	ALL TEATTY.	7(3-(20)
		COMPLICA	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	7,-	7.0	. 1	~ <u>I</u> I							1 . 1	1.5
NNE		•		•	a -:				I			4.4	7.5
NE	•		• 7	•	• 7	• `	• 1		<u> </u>				13.
ENE		•	• "	•	•			L				· i	1 10 ?
ŧ	•	•	• 6	• ^	• ^	•	•					4.3	1402
ESE	! !	•		•	• "	•						3 • 1	11.1
SE	•		•	• • • • • • • • • • • • • • • • • • • •	•	•						4.0	13.5
SSE		•	•	•	•	•						4.1	.5.
5		•	7.	7.	7		• 7	• `	•			9.4	15.7
SSW					1.0	•	•	. 7	•	• 3		7.8	17.5
SW		•		? • **		•	• "			•	l	7.3	15.9
WSW			1 . 11	7.17	7 . 1	• 75			•			}•3	15.
W			2.5	1.0									8.3
WNW	•	• 1		• 1	11	•						3 • 6	9.5
NW		•	• 1	• 7		•	• :) • i.	11.3
NNW		3 . 3	7	7.7	~.	١.						10.3	12.7
VARBL			1										
CALM	><	\geq		$\geq \leq$		\times	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	7.9	
		1 6	10.0	25.1	16.:		7.2	• 5	• 7	• 3		1 1.3	12.8

TOTAL NUMBER OF OBSERVATIONS

restrictory (Architectus)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

,		· m·l· '	5 + 5
STATION	STATION HAME	YEARS	MONTH
		PLE CATIFY	•₹5% = , 5 5°
		CLASS	HOURS (L.S.T.)
		COMPLIEN	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	•	•	•		7.							• -	1.4
NNE	•	•	• ^	•	• 7	• ,	• *					1.1	7.9
NE					• 7	•	•					7.1	11.4
ENE	•	•	•	•		•	• .		1			2.7	12.6
E	,	•	• 1	• 7	•	•	•	i				3.7	13.7
ESE	li •		•	•	• 5	•				i		7.4	11.7
SE	•	•		•′	• 1	•						2.1	3.5
SSE	li.	•	• /	•	• h		. !!			T		3.4	19.2
s	•	1.0	1.4	1.6	• 3	• 1	• `	• -	•			6.9	17.2
SSW	•		1 10	7.	1.		•	•				2.1	15.5
sw				• (•	•					7.8	16.5
wsw			• 11		7.4	•	• 7	•	•			€.3	100
w			7.		· 21	•	-	•				2.	10.5
WNW	•		• '	• 1	• 11						<u>_</u> _	3.7	9.1
NW		•	7		• 15		• 1					(.3	12.6
NNW	•	1.	7.	? • €	1.	•	• 4					7.7.7	13.
VARBL			1										
CALM		$\supset <$	$\supset <$	><		$\supset <$	><	><			><	U .	
	. "	1	20.	45.0	14.0	^ ·	7.	• ?	• ,	`			12.€

TOTAL NUMBER OF OBSERVATIONS

THE CARL CONTRACTOR OF A SCHOOL ASSOCIATION OF A SCHOOL ASSOCIATION OF A SCHOOL ASSOCIATION ASSOCIATIO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

· •	· · · · · · · · · · · · · · · · · · ·	- ^-		~ + P
STATION	STATION NAME		YEARS	MONTH
		机工 医对抗性 人		1110-18-10
	· · · · · · · · · · · · · · · · · · ·	CLASE		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.) 1 - 3	4 - 6	7 - 10	11 - 16	17 、21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	•	"		7.								11.
NNE				-1	• ~	•						3.	ه د
NE							•					٠.4	1 4 0 5
ENE	•				•	•	• :	l	l			• .	11.7
E				•	• ^					L		1.5	12.
ESE		•	• "	• '	• -	•						7.0	11.7
SE				• -	•••					<u></u>		• • • •	74.
SSE				• "			•	• •					17.4
5			•	• 1	•		• .		•			6	1
ssw		•	• ′	1.5				<u> </u>		L		7.7	4.
sw	<u> </u>	•		i * • *	٦.	•	•	ļ				• '	15.4
wsw			<u> </u>				• -					<u> </u>	14.7
w	•			•		•		•	İ			t:	
WNW	•				• -		•	•				•	11.1
NW			1	•	• '	•						5.7	12.7
NNW	<u> </u>		•			•	• 1					• .	13.
VAREL	<u></u>		i							<u></u>			ļ <u>.</u>
CALM				$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	2.5	
		, .	21.2		10.			4					1403

TOTAL NUMBER OF OBSERVATIONS

CV TAL CLARATCHOLY TAKEN C TATAC N TATAC S VIC AAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.4	1. 11 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- *		5. e.
BTATION	SWAN HOITATS	······································	YEARS	BOSTS
		LI TEATMET		1.41 <u>1</u> 1
		CLASS		HOURS (L.S.T.)

SPEED (KNTS) DIR.	 	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		-	11.	7.7	1.0	7,5	• 1					3	
NNE	• '	•	7.7	1.	• ^	•					}		9.1
NE			•	• *		•							1.2.
ENE	•	•	•	•	• "	•	•					•	* f; •
E .	,	•		•	• 1	•	•					3.0	12.
ESE	in .		•	•		•						2.1	31.5
SE			•		• ^	•				† <u>-</u> -		?•	12.2
SSE		•		• 1:	•	•	•	•	1				14.8
s	· ·	•			•	• 1	•	†		1		7.7	12.5
\$5W		•		7.	***	•		T			1	•	13.3
SW	#		•	7.5	1.07.	7.	•			i		٤.	17.1
wsw	†	•		3.4	7.7	•	•				· · · · · ·	•:	14.0
W			 • • • • • • • • • • • • • • • • • • •		• -	•				<u> </u>		7	9.6
WNW		•	1 .	• *	•	•	•4	• 7				7.0	14.
NW		•	7.	· • •	1.	•	• • • • • • • • • • • • • • • • • • • •					1.5	17.0
NNW	•		1.01	?	2.0	•	-					2.7	14.4
VARBL	1	1	 	 	1	 	<u> </u>	†	1	t	 	1	
CALM		\geq				> <	\geq		>			1.7	
	4	1 1.7	23.5	29.4	16.1	7.0	7.1	•6					.2.

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	•	· •		C į ₽
BTATION	STATION NAME		YEARS	MONTE
		EL STATES		1 17 - 14 11
		CLASS.		HOVES (L.S.Y.)
		COMBITION		

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	· · · · · · · · · · · · · · · · · · ·	•	•	• '				. •	İ -			14.	-3.7
NNE	•		•	• 1	. "							16	
NE			•	•	•							• 4	11.0
ENE		•	•	•	•	•	• '		[•	1.00
E	•	:	•	•	• `	•						2.5	12.
ESE		•		•	•					i			
SE		•		• '	• "			•				2.5	15.7
SSE		•	1.	•	• `		•	• 1				9.3	
5			. `•	7.0		•	•	• '				i_ • c	
55W	•	•				[- ,	•					- 1	12.6
sw	•	•		•		٦,		•		I		. 3	2.3 6
wsw		•		• 7	•	•	•	• 1	[10	13.9
w	•	•	1		• !						L	. 7	1 • 9
WNW	1	•		• -	• 1)			•				• 7	16.0
NW			I	• 2			•	• `		L		. 4	. E . 1
NNW		•	•		1.1		• 1						77.5
VARBL			<u> </u>										
CALM		><				$\geq <$		$\geq \leq$	$\geq \leq$	><		• '	
				33.5	1	5.	, ,	1.2					: 3.6

- Commence of the second

TOTAL NUMBER OF OBSERVATIONS

CELLS TENDED AND AND A

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		.*	د ِ ع
STATION	STATION NAME	YEARS	MONTH
	11 05	U.	C-17
	CI	LASS	HOURS (L.S.T.)

TOTAL NUMBER OF OBSERVATIONS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION HAME		EARS	MONTH
	11.	U.F.A.T.11 CLASS		HOVES (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		. :•	•				• 7					15.7	3 2 0
NNE	•			• (• 1							2.7	1 . 3
NE		•		• ^	• "	•					l	• 11	16.7
ENE		•	•	•	• "_							•	12.
E		• 1	• `		•							2.04	• • 7
ESE	!	•	. •	•			1	ļ		L		5 • ⁻	1
38	•			·	<u> </u>	•	Ĺ				L	· • :	13.
SSE				<u> </u>		•						•	11.0
S			` •	•		•	•	• 3		<u> </u>		9.0	15.0
SSW			• ′	• -	_ • ′	•	• 11			L	l		12.7
sw		•		7.7		1.	•	• '		•		7 . :	19.1
wsw	•	•		3 . '		1.	• 7			• -		1 6	16.3
w		•		•	• ^				<u> </u>			(• 1	9.1
WNW	•	•		•	• ,				L			• .	1
NW		•	· ·	1.1	•		•				L	2.0	13.
NNW			7 ,	,		1.,		l	L			9.5	4 . 4
VARBL	I												<u> </u>
CALM				$\geq \leq$		><	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	٠,٠٠	
		11.5		3. 4	15.7	1	7.1	, 7		-		,	:3.5

TOTAL NUMBER OF OBSERVATIONS ROC

CHERAL CLIPSTHESE ANDWOODS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

* 4	· • • •	1 . <u>-</u> 1		\$E0
STATION	STATION NAME		YEARS	MONTH
		TEL EATE		: Un- ragen
		CLASS		HOURS (L.S.T.)
	- -	COMPLITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	• '		1.6	7.	•						4.	1
NNE	•	• "	•	•	• ′							2.2	9. ~
NE	•	•	•	• ′		•	•	•				•	4.
ENE		•	•	• 1	• '							2.4	• 6
E		•	•		• '							• ^	11.2
ESE		•	•	•	• *	•				i -		•	12.7
SE		• /-	•	• 1	•							•	13.7
SSE	•	•	•		• 1	•						3.7	11.2
S		•				•	• 11	• ~	•				16.1
SSW	•	•	• 1	• ^	•		•	•	• .			1.0	77.
sw	•	•	• 1	100	••	•	• ^	• ?				1.1	15.6
wsw	•	•	1			•	• '					•	5.6
w	•	•	2.4	•	• /1							7.3	ί.
WNW	•	•	•	• f	•	•					Γ	7	5.08
NW	•	•		1 • **	1.7	•						1.3	11.5
NNW	•	•	• 5	•	. 7		_ • -					•	15.7
VARBL													
CALM	$\geq <$	$\geq \leq$	$\geq <$	$\geq <$	\geq	$\geq \leq$	$\geq \leq$	\geq	$\geq <$	$\geq <$	><	"•	
		14.6		25.1	11.7	5.0	~ ~	i.1	• °			11.	12.6

TOTAL NUMBER OF ORSERVATIONS

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CLARKE OF WATEROUS AND A

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	<u> </u>			
STATION	STATION HAME		YEARS	MONTH
		TIL FITT		ALL
		CLASS.		HOVES (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N				11 . 1	7.1		•					1.2	2.4
NNE	•			•	• 11	•	•					U . 5	0 , 7
NE				• "	• ′	•	•	•				• 2	13.
ENE	•		• *		•	•	•					`•.3	4 3. 2
E		•	• ′	•	•	•	•					3∙	12.6
ESE	· •	•		•	• 7	•						5.5	11.0
SE		•		•		•	•	•	·			27	1007
SSE	•			•	•	•	• '	•				S .	14.
S		1.		`• ^	1.0		• -	• 1	•			5	14.3
ssw	·		1.	•	•		• 7	. 1		•		7.	24.6
SW			•	'.'	1.	* • 1	٠	• 7	•	•		6.2	16.5
wsw			•	•	٠.		. L	• 1	•	•		79	15.0
w		•	- n	•	• (•		•				7.6	6.9
WNW	•	•			• ,	•	• "	•				- 2	11.7
NW			•	7.7	•	•	•	• *				• 3	13.4
NNW					1.5	•	•					٠.	13.0
VARBL	L												
CALM			$\geq <$	><		\mathbb{X}	$\geq \leq$	><	> <	> <	$\supset <$	2 • 4	
		17.	1.1	2 14 2	16.0"	ا ي	7.0	- 13		• :		1	13.

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

STATION STATION NAME

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(FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	•	٠.	. 3	10.0	•	1	• <i>u</i>	• -		. 1		12.4	14.
NNE		•		• *	• ′	•	• '					٦٠	25.
NE	•	•		•	•	•	•				}	7.	15.0
ENE		•	•	•	• 7	•	•	• 1				2	16.
E	·	•		• 1	•	• ~				1			14 . 1
ESE		•	•	•	• <	•						**•	12.7
SE		•	•	• ^	•	•						1 • 5	12.7
SSE				• *	• -	•	•	• ^		L	<u> </u>		15.4
S		• `		•	7.	•	• '	•	• 1		<u> </u>	7.8	15.
SSW		•	•	• -	• **	1 • ′	• 1	• "				7.	19.1
sw		•	1.7	•		•	•	• 3	•		<u></u>	6.1	2 5
wsw		•	• 1	. • '	7.	•		İ				5.9	15.
w		•	? • 7:	•	• ົ	•		•	[<u></u>	: . 3	11.0
WNW		1.6		•	• -	<u> </u>		L					1
NW		1.	1.	• "	• -	•	• :	•	L	Ĺ		7.4	14.8
NNW		•	1.1	1.6	1.7	<u> </u>				• 1	L	7.5	14.1
VARBL					L		<u> </u>			<u> </u>	L	<u> </u>	1
CALM			$\geq <$		$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	i • c	ļ
		11.	11.7	37.7	16.6	11.	0 • €	5.9	• 7	• 2		1	14.

TOTAL NUMBER OF OBSERVATIONS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOITATE	STATION NAME	- YEARS	TSO TRANSPORTED
	*** **************************	11 . 5 . 70	
		COMOLITION	10018 (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	•	MEAN WIND SPEED
N	•		7.7	2.0		1 .	• 1,						3.0
NNE	•	•	•	• *	1.	•							15.7
NE				• "	5 . 1							4.	17.0
ENE	•	•	•	• 1		•	•	• 15				4 • "	5.1
E			• 1	• •	• ′	•						7.	i.
ESE		•	• *			•	•				1	. • .	17.
SE				• -		•	•				i	2.0	1.3.1
SSE				. • ^	• "	•							٠,٠
\$		<u> </u>			•	•	• (*)	•	•			• 7] · · : _
ssw		•	•	• <i>t</i> ;	1 . ".	٠.		. 7	L_•_	•		6.0	7
sw	I		• *		• • *		•	: • 2	•	•			72.
wsw	•	•		. • '	1.7	•		• *				F .0	14 . 4
w				•	•	•	• 7	• 1				6.5	12.5
WNW		•	1.5	• (• 5	• '	•	• 1				1.0	1 :.
NW	<u>.</u>		••	• f	· •	1.	• 5	• 1				•	14.4
NNW		• ~		1.5	7.7	• "	. 4	• 1				•	1 6
VARBL													
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$		$>\!\!<$	$\geq \leq$	><	$\geq \leq$		$\geq \leq$	₹.	
	•	11.2	15.5	26.1	18.7	2	4.5	7.0	, c	• 2			5

TOTAL NUMBER OF OBSERVATIONS

THE RECEIPT TO LOCK TO ANOTHER TO THE STATE OF THE STATE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME

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SPEED (KNTS) DIR:	1 - 3	4 - 6	. 7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*	MEAN WIND SPEED
N		• .	• 1	•	î.'		• •					1	14.5
NNE					•	•	•					-1	14.
NE	•	•	•	• •	• 7	•	•					4.	14.7
ENE			•		• ^	•	•	,				4.	10.5
E .			•		•	•	•					•	12.
ESE			•	•		•	• 13					1.1	10.4
SE			•	• -		•						2.5	13.3
SSE				• 1	• '	•	•					7∙2	1500
\$	1 _ ·		• "	•	1.	. 1		• '				· • 7	1.7
SSW	<u> </u>	<u> </u>	• "			•	• 1,		•			7.1	16.4
	1	•	•		• ′	_	•	• *	•	• .		8	. 4
wsw	4		•	1	• '	•	• `	•	• 7	•		4.6	ी. • उ
. w .	<u> </u>	•		•	•	• '	•	• 7					14.2
WNW	1		. •	• *	• 1	•		•				∴	5.€
NW			7 . 5	•	1.	•	•					7 • 6	17.5
NNW	l		1.3	• 1	• '	•	• '			•		ő.5	4.6
VARBL													
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	\times	$>\!\!<$	\times	$\geq \leq$	> <	>>	3.5	
		11.4	1.4	24.7	17.7	11.	7.€	2.4	٠,	• 4			14.1

TOTAL NUMBER OF OBSERVATIONS

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LIFT AL CERMATHERMY AND COLUMN TO A COLUMN

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	 •	~*		~ <u>.</u> .
STATION	 STATION NAME		YEARS	Magre .
		LL CEATH		* - .
		CLAS6		00000 (L.S.T.)
		<u></u>		
		COMPITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*	MEAN WIND SPEED
N		••	1.	1.5	2.0	1.	•		•				8.5
NNE		•	1.	•	• -	•						•6	•
NE	•	• '	•	•	• ′		•					_ • _	
ENE			•	•		•	•					4.	
ŧ	•	• .		• ′		•	•						1.5.
ESE												. 4	120
SE					• '							. 3	11107
388					• 1								15.
\$				<u> </u>	1.7			• •	•	<u>i</u>		•5	15.0
SSW		<u> </u>	•	• • /	•		• 13					6.	15.5
sw	•	•	•	• •	• • *	••	• "	• ?	•	• 1.		7.5	16.9
wsw	•	• 1	•	1 . "	1	**	• -	• '	• 1	• `		5.5	1:ε.ε
w		`•	/:	`•	1.1	•	• `	• '				u • €	13.
WNW		•	<u>.</u>	• ~	• 3	<u> </u>							1
NW	<u> </u>	• •	i • '	•	• '-	•	•	• `				h • ·	1.40
NNW		•	1 . "	4.7	· • u	•	• 1	• .2	• .	• :		1.6	16.
VARBL		<u> </u>		L	<u> </u>	L	<u> </u>		L	L		L	↓
CALM		><		><	><	><	><	$\geq \leq$	><	$\geq \leq$	><	7.9	
		11.1	,	21.1.€	16.5	1	4.0	2.7	1.	. 4			14.

TOTAL NUMBER OF OBSERVATIONS

ISAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

•.	· · · · · · · · · · · · · · · · · · ·	-^;		CCT
BOITATE	STATION NAME		YEARS	MTHOM
		16.E 3 57 7345 7		<u>፲</u> የህፃ ተን ፋስ ዓ
		CLASS		HOURS (L.S.T.)
	_ · · · · · · · · · · · · · · · · · · ·	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	•	•		P	1.0	• 7	• 17	• ^		• :		13.7	4.9
NNE			•	(• f	•	•	•					1.3	12.6
NE			•	1 • #	• 2	•	•					7.2	1.3.7
ENE	• • • • • •	•	• ′	• -	7.4	•	• .	• 7				1.3	18.5
F			1 .	1.0	•	•	• ^	•				•	7.5
ESE	,	•	•	• !	•	•							71.1
SE			•	• 1	•	•						•	12.0
SSE	•	•	•	, č	•	•	• "	• *			Ţ	• 3	14.
- s · ·				• .	• *	• /-	• -	• 5	•			5.9	16.9
ssw	•		• •	• *	₹ - 21		•	• (7.	17.6
sw				•	?∙		• 5	• :		• 7		₹.3	18.3
wsw		• •	•	1	7.0	1	• 3	• ?				e • 2	1.5 . 8
w			7.		1.06	•^		•	•			1.9	14.4
WNW	!		1		• `	•						4.4	13.
NW	•	•		•	* • 6	•	•	•.				?	10.6
NNW		•	• 13	• -	1.7	1.	• 4	•		•		7.5	1.7.3
VARBL	† i		1	 	1		1						
CALM	><	><		> <		$\supset <$	$\supset <$	><	$\supset <$	> <	><	3.3	
		. 7	6	20.1	17.	17.	5.5	3.7	• 3	• 5		0.0	15.7

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	· • • • • • • • • • • • • • • • • • • •	-1				
STA TION	STATION NAME	YEARS	MONTH			
		TELL MEATING				
		CLASS	HOURS (L.S.Y.)			
		COMBITION	_			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	•		-	7.		• '		-			14.0	5.
NNE	•	•		•	• t:	•	•					•	13.8
NE		•			•	• *	•						14.0
ENE		•		• "	• 1	•	• (• (3.9	72.6
E		•	•	• '	• 11		• •				_	4	15.7
ESE		•	•	· .	• ~	•		·					11.6
SE	•	•	•	• ^	• 1	• 1	•	• 1				3.1	*4.
SSE	•	•	• "		•		• 7	• 11	<u> </u>			• :	1
5		•	.7.	1.7.7	• 4	• "						7.1	14.7
ssw	•	•	•		7.	• /	•	1.1	· · · · · · · · · · · · · · · · · · ·			6.5	18.9
5W	•		•	· ·	1.	1.	•			• ::		6	17.9
wsw		•		٦, ٢	~ · 7	1.						5.2	18.4
w		•	• 1	7.5	1.		•	• 3	1			. 4	13.0
WNW		•	1 .	(1.1	•		•				4.3	14.7
NW		•	7.7	•	1.6	•	•	• ?				7.11	16.1
WNN				1.6	7.00	, <u></u>	•	• "		• ^		6.3	18.9
VARBL		!	1	<u> </u>		†							† <u>-</u> -
CALM	$\supset <$	><		><	> <	$\supset <$	> <	> <	$\supset <$	><	> <	• 1	
	2.0	r	17. u	2: / • 1	18.8	11.	5.9	4	• 1	. 4			20.1

TOTAL NUMBER OF OBSERVATIONS 970

CL PAL CLIPATOLOGY ACCR SACRIAC ARE CATED STANIS A AC

 \mathbf{C}

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

· · •	Committee to the first of the committee	, *	± 0 ₹
STATION	SHAM MOITATS	YEARS	WOETH .
		TAR ATTA	21 €±1 €0
		CLAM	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		•	7.	7.7	1 ~.	1.		•	,			7.7	4.3
NNE		• '	1.07	· ^ ^	•		•	• 1	•			4.	14.5
NE	•	•		• 1	•	•	• '	•				•	15.7
ENE	•	• 1	• 7	• 79	• •	•	•						15.2
E		•	•	• 11	•	•	•	•				0.4	15.8
ESE	1	•	• ?	• ′	• 1"	•	•				ı	•	1.30
SE	•	•		• ^	• 0	•	•					₹.9	13.9
SSE			1.	7.7	• /			• 7				1.0	1200
5	•	•	1.6	1.	1		•	• .	•			5.5	. c. •
SSW	,		•	€	1 .	• .	• `	•^	 			5.2	13.7
sw	•		•	1.0	7.7	•	•	· u	• :			0.1	2 . 5
wsw			1	• -	7.	•	•	• ?					17.4
w		•	7.1	. "		•	• f:					3.6	3 3 . 4
WNW	•	7.07	1.0	• .	1.0	•	•		•			5.4	12001
NW	•	•	1.7	7.0	1.0€		. 7					- • 1	14.5
NNW		1.1	1.1	1."	1.0	7.0	• ₹					7.5	14.
VARBL			 										1
CALM	><	> <				> <	><	><	><	><	>>	.•?	1
	7	• ,	: 1.5	20.6	18.3	1	<i>t</i> ; • c	3.7	•0				15.2

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	O C T				
		CLASS					

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAI WINI SPEEI
N		•	•	• "	•			• 0_				17.3	5.5
NNE				•	· . F		•						13.5
NE		•	•	• "			•	• 3				1.02	6.
ENE	•	•	• 1.	• -			•					; •	16.
£			. •	• /_	•	•	•	• 1				0.7	٠ ن ٠
ESE	!	•	•	1;	• 1:							7 . 4	12.6
SE	•	•	•	• ^	•	•						3.7	5.
SSE	•	•	•	•	• "	•						3.2	77.
S			• "	• c	• /1	•	•					. 3	8.
SSW			•	• • •	• ^			• '}				t • 5	1.7.
sw		•	•	•	7.		•	•				7.2	18.
wsw		•		1.1	7.4	•	•	• 1	•			(.?	17.
w			7.4	7.5	1.0		• '7	• •				2 . 8	13.
WNW												_ J • ?	
NW		•	1	3.	•		•	•				7.7	5.
NNW			7.	1.0	7		•	• 1				7.	
VARBL			1	1		1							
CALM		><	><	\times	$\geq \leq$	\times	\geq	\geq	\geq	$\geq \leq$	><	? • i	
	4.	9.7	6	20.1	10.1	9.1	6.1	2.5	٠			712.7	14.

TOTAL NUMBER OF OBSERVATIONS

97.

USAFETAC FORM 0-8-5 (QL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CT AL CLIANTILOGY I ANCH BOUTTAN A TATH SON VIOLANAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

* *	Land to the transfer of the second	=* :		_ T39		
STATION	STATION NAME		YEARS	MONTH		
	ALL WEATHER					
		CLASS		HOURS (L.S.T.)		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	•	· · · · · ·	1.0	u .	7.00	1.0	• E	• 7		•		1 7.5	14.6
NNE		•	• !	1.0	• "	•	•	•	•			τ • 4	13.9
NE		• 1.	•	1.	• ^	•	• 7	• 1				0.2	15.5
ENE		• 1	• 11	.,	•	•	• 13	. 7				1.9	7.0
E			1		•	•	• *	• 1				4	15.1
ESE				• 1	•	•	•	• ~				5	12.7
SE			•	•	• 7		• :	• '	1				13.4
SSE		•		• .	•	•	•	• 1				7.0	14.5
\$			1.1	1.6		•	• (• "	•			2.4	17.5
SSW	•		1.0	1.6	4.7		• (- 41	•	•		(.5	18.
SW			• 0	1.0	1.3	•	• -	• (1	•	• :		7.1	:9.5
WSW	•	• '	• ?	7.0	1.7	0	. (.	• 7	•	•		6.0	17.5
w		• "	7.2	2.	7.1	•	• .	• 7	• r			3.	3.3
WNW	•	1.	7 . 11		• 7	• 7	• "	• '	•			5.6	11.3
NW	•	• '	1.0	7.5	2.5	•	• 1	• ~				7.0	1.5.
HNW	•		1.1	2.7	1.3	• `	• '1	• 1	•	• 1		7.5	15.4
VARBL	<u> </u>	1	1	1						1		1	
CALM		><	><	$\supset <$			$\supset <$	$\supset <$	><	><	><	. • 2	
		10.7	17.8	27.4	17.7	11.5	5.3	3.1	.6	• 3			15.1

TOTAL NUMBER OF OBSERVATIONS

 $\frac{C_{1}}{C_{1}} = \frac{21}{21} \cdot \frac{C_{1}}{C_{1}} (N_{1} \cdot N_{1} \cdot N_{2} \cdot C_{2} \cdot N_{1} \cdot N_{2}$

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

•		1 <u>-</u> 4		Nev				
STATION	STATION NAME		YEARS	MONTH				
		WELL OF PATE						
			HOURS (L.S.T.)					
		COMDITION						

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N							•			T		·i	150.
NNE			• ^	•	•							6.0	13.9
NE	•	•	•	•	• 1		•					• ?	5.4
ENE		•	•	• *	• '	•	• 7	• 3				100	11.2
E		•	•		•		•		<u> </u>			1.1	13.5
ESE	!				• 1		• ^		T			• 4	27.
SE		•	1	•11	•	T	1	1					11.6
SSE		•	•	• /-	• ,		•					2.0	24.2
\$		•	• ''	• 11	•		• 7		•			7.	72.7
ssw	•	•	•	· · · ·	•	1.	•	. ^	• .			u.	7 . 1
sw	•	•	•		: • 1	•	•-		-^-	- (1	•	7.7	72.5
wsw			• "		*.(1.				7.5	71.5
w	•		1	1	7.3	•	• • •	1.	.,		•	14.7	1. 1. 5
WNW				1.5	• (-	•				7.1	1345
NW			1.0	1	1.	1.	• ~	· u	•			7.3	1 . 7
NNW			• ^	•	7."	1.	•	 	 			.8	15.6
VARBL			1	1	<u> </u>	 		†	†	 		-	1.300
CALM	$\geq \leq$	\geq	\geq	\geq	\times	\geq	\geq	\geq	>>	>	>>		
		ģe.	ـ نامان	24.3	12.4	1	7.5	5.9	1.5	•6	. :		-0.4

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $\frac{\text{FORM}}{\text{AUL 64}}$ 0-8-5 (QL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

TO THE SECURE THE SECOND STATES

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		÷*	MCY
STATION	SHAM MOITATE	YEARS	NYNOM
	11	f g T	1 65 - 36
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	•	•		7.0	7.0		•					. 4	٤.
NNE		•	•		• .		•					• 7	*:- 0
NE		•	•	•	,	•	•					•	7.5 • 7
ENE	•	•	•	•	•	•	•	•				1, • 0	۲.
E		•	•	• •	•	•	• '	•				0 🐧	17.6
ESE				•	• **	•	•					?• 3	17.7
SE			•	• '	•						l	• 4	13.
SSE		•		•	• "		ĭ	•:	_ •	• 1	L	•	73.
5	•		. •	•	• *	•	•	• "	• 7			7 • 3	71.
ssw			. •	•	•	· · · · · · · · · · · · · · · · · · ·		• 4	[4.7	72.7
sw		•	• 7	• -			• 0	• "	•			(•5	71.1
wsw	1	•	• /			•	•	• 4	• 1	• 7	l	€ • 3	75.5
w	•	•		7.(~ ·		•	• 1	•			1 %	200€
WNW		•	•	7.6	•	•	•	• (•			1.2	
NW		•	• `	• 1			• 3	• 1	•			₹.0	16.3
NNW	•	•	1.7	• *	ī•´		• 1					7 + 8	15.1
VARBL	1]										
CALM		><	$\supset <$	><		$\geq \leq$	$\geq \leq$			$\geq \leq$		• '	
			7.7.1	27.	,	10.5	٠, ٩	5.6	1.8	• 4			13.4

TOTAL NUMBER OF OBSERVATIONS $8^{\circ}3$

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	· · · · · · · · · · · · · · · · · · ·	<u>-</u> '	N.C.V
STATION	STATION NAME	YEARS	BONTH
	1,1	1.4.10	: n=np=n
		CLASS	Novès (L.S.T.)

SPEED (KNTS) DIR:	1 - 3	4 - 6	7 - 10	13 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N			•			•	•						15.0
NNE	_ ,		•		•		•						14.
NE				•	•		• _					• 1	21.
ENE	7	•	•	•	•		•	• 1				•_	•
E		•	•	•	•	•	•	•				• 1	16.7
ESE	ī	•			• '	_ • •	•					: .0	17.6
SE			•	•	•	•						• .	• t;
SSE		•	•	• '	•	•		•		• .5		7.1	22.
S	1	•	•	•		•	•	• 21				4; • ^	٠2.
SSW	lı	•	•	•	1.	•	•	• 7	• ~		• 1	₹•3	19.5
sw		•		•	•	•	• ^	• 7	• •	•		6	1.1
wsw	1		•		•		•	; • ¢	•			7.7	23.3
w		•		7	•		•	1.01	•			1:.3	19.7
WNW	ii	•					•	• 7	•			. 9	13.7
NW		•		• ~	•	•	•	• `		• 7		7.3	15.8
NNW	Ţ	•			•	•	•	•				٠,٩	1: • 5
VARBL			•										
CALM							><	$\geq <$	><		$\geq <$		
					16.0			5.0	• 5	• 9	. 1		27.3

ITAL NUMBER OF OBSERVATIONS

The state of the state of the state of

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR	1 3	4 - 6	7 - 10	11 - 16	17 2	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	•	•		- • *			•	•				is.	15.0
NNE	•	•	•	1	L.		•					•	15.
NE		•	•	•		1.	•					7.7	16.9
ENE	•	•	•	•		•		•				• '5	5.0
E		•	•	• ***	•	• 1	•	•				- 6.5	10.7
ESE		•	•	•	• 1:	•		•					•
SE	••	•	•	•	• ,	•						1.1	16.
SSE		•	•	•	•	•	•	• 3	•				12.0
S	•	•	•	7.7	i • ^	•	•	• -	• "			ن و با	
ssw	•	• 7			. 1.		• '	•	•	•		¢.	; 0 . ;
SW	• •	• -	• • •	† :-5-	1	•	•′	•	• :	•.7		- 4	7:01
wsw	* .	•			. "		•		•			··• :	12.1
w	•		•	•		•	. • 11	• "	• '-			13.1	19.
WNW	•	•	• • • •	•	•		•	•		•		- 4	13.6
NW	•	•	•	•	•	•	•	• ~	•	• è		5.02	18.2
NNW	•		•	•		1.	•	• 1					17.5
VARBL	•	•			:								†
CALM				* ><`		>	> <	\geq	\times	\times	\searrow	1.	
Maria TTET 1		1		20.7	7		7.1	5.6	÷.4	• 7		; ;	.7.8

TOTAL NUMBER OF OBSERVATIONS

У

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	A TOTAL CONTRACTOR OF THE STATE	* •		NOV
STATION	STATION NAME		YEARS	BONYN
		10L 657 (1 1 1 - 1 4 1 1
		CLASS		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N			•	1 11 -	7.	•	•						:00
NNE		•		· ·	•		•	í				4.5	15.7
NE	•		• "	• 1	•		•					• .	10.
ENE	•	•	•	•	•	•	•					₹.6	
ŧ	i	•			•		•	•					1.7.
ESE		•	•			•	• 1	•				3 • 3	7.
SE		•	•	• 71	• `		•	• -					19.7
SSE		•	•		•		•						16.
s		•	• ''	1.	1.	•	. h	• 5					4
SSW	•	• *		. 7	•		• (• -				7.5	13.3
sw	•	•	•	T	•	•	• !!	• 1		- 4		1. • 2	,
WSW	•				7.7			• 0	.7	1		1	21.0
w	• `		~.				•	4.0				12.7	19.
WNW		, ,		3.0	:1			•				1.	12.4
NW			• •		1.1		• (• 1	• *	.4		5.7	1.0
NNW	• `				7	1.	• 1	• ~				- 8	17.
VARBL		 	1	1	1	1	1				i		
CALM		><	><	$\supset <$		$\supset <$		$\supset <$	$\supset <$		> <	• 7	
-	-	7.	12.5	24.0	:5.5	1 1	2.5	5.2	1.5	1.0		22	13.3

TOTAL NUMBER OF OBSERVATIONS

AL MERIMATIONY MARCH CONTINU ZONETHO COMES ZONE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

*	the state of the same of the s		_a ·	NCY
BTATION	STATION NAME		YEARS	CONTR
		LL EATPE		15 30 ± 17"
		CLASS		HOURS (L.S.Y.)

SPEED (KNTS) DIR.	1 . 3	4 • 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAP WIND SPEED
N	•	•		4.	7.3		•	·				13.7	ί.:
NNE		•	•		• ′	· -	• "	•				5.1	15.
NE			•		• 4		• 1					7.07	16.9
ENE			• 7	•	• 8	•						. •	17.
E			•	•	• 7	•	• /					•	•
ESE			• 1	• Li	. 5.	•	• 7	• 3				î • ^-	?_•
SE	•		• '	• t1	• 5,	•	• ts					2.3	17.8
SSE		•	• 14	• 7	• 7	•	• "	• ^				?•	3.0
s	•			1.	• "	1.	• 6	. • ,				5.7	2.
SSW	•		• 7	• 1	• 0	•	•	• `	• 11			/ • 7	71.0
SW	•	•	• *		1.5		• **	• 1		• 7	• 1	6.1	72.
wsw		•		•	1.0	7.	1.	1.	• 1			0.0	^2.
w			1.0	7.0	~ · i	2.	• 7	1.1	•			13.9	19.0
WNW			7.	•	. 3	•		• .				6.0	li.
NW		• 1	1.07	7	• 3	1.	• ų.	• `	• :	• 1		7.7	-2.
NNW	1		. /1	1.7	7.0	1.0	• 5	•	•			8.4	18.
VARBL													<u> </u>
CALM		$\supset <$				$\supset <$	><	><	><	><	><	• 2	
		5.1	17.0	25.7	: 4.3	10.	٠.٠	.	7.1	• 4	• !		ξε.

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME		LARS	NO. V
		CLASS		HOUGH (L.S.T.)
		CONDITION	 	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	49 - 55	≥ 56	*	MEAN WIND SPEED
N		•		7 . ~		· • •		•				1.4	6.7
NNE		•		• 11	. *	• "	• E						15.5
NE	•	•		•	•	•	• 1					.5	3.
ENE		•	• '		• 7	•	•					• •	5.4
E		•	• 2		•		• 1					7.5	10.0
ESE				• "	• ′		•						7
SE		•			•	•	• 1	• .				• 2	J. 5
SSE				•	• "		• 1	• 5	. 1			!	23.
- s		•	• 1		•	7.	•	1.	•			• 1	24.2
\$5W	i	•	1			• 1	. 7	• !!			• 7	3.9	78.5
sw		•	• 6	• 0	1."	•	₽ 5.	• -]	•	• :	5.0	72.
wsw						1.	1.1,	•	•	• 1		•	22.5
w	•	••,	7 . 11	7.7	~ ·	••	1 • 1	1.4	• 1		I	12.4	19."
WNW	• 7	. •		7.7	• ^	• 4	• 7	•	• 3			3.5	13.4
NW	,	• "		: • °	7	1.7	•	• 7	•	• ":		•	19.6
NNW		•	7.	1.6	1.5	• • 1	• 5					1.5	15.5
VARBL													
CALM	><	><	$\supset <$		><	><	$\triangleright <$	$\geq \leq$	><	$\supset <$	><	1.06	
			12.9	23.3	18.3		17.1	5.8	2.2	. 9	, t;		18.3

OTAL	NUMBER OF	OBSERVATIONS	897	,

TOTAL NUMBER OF OSSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| V | V | STATION | STATION | SADE | YEARS | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE | SADE |

SPEED (KNTS) DIR	1 3	4 - 6	7 - 10	11 - 16	17 21	11 17	a u	34 40	41 - 47	40 SS ≥ 56	*	MEAN WIND SPEED
N		. •										. 4.
NNE			•	. •	•	. •	•				. •	. •
NE	_	. •	. •	. •	. •							
ENE		•	•	•	•	•	•				. •	. •
E	· •	•	•	•	•							
ESE	- 		•	•	•							
SE			•	•	• *	•	•				•	•
SSE		•	•	•	•	•		•	•		•	
5	•	•	•	• • •	· . •	•	٠.	· • •	•	•	_ • ·	
55W	•	•	•	• •	•		•	•	•	•		
SW	•	•	•	•	•	•	•	•	•	• .	I	
wsw	•	•	•	•	· · •	•	•	•	•	•	1	7.2.
w	•	•	•	• • • •	· = • ·	• -	•	•	•	•		
WNW	*	•	•	1				•	•	•	1	4.
NW	+	•	•	•	1	•	-	• •		•	•	7.1
NNW	*		•				•		†	•	• ?	1.001
VARBL		†	• '	1	i	†		†	† ·	• • ·	1	1
CALM		$\geq \leq$		\geq		><	$\geq \leq$			\sim		
 :				23•□		1.5	٠, د		,	. 2	1	

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

\$741 100	STATION NAME	P	YEARS	A' O V
******		EL TO A TOTAL	***************************************	/ i.t.
	- 4	COMPITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. ,	•	• !	• 1	7.0		. 7					13.9	6.
NNE		•		• -	•	• 7	• "					5	15
NE		•	•	•	• 7	•	• -	• "				•4	16.
ENE		•	• (•	• 1	• /	• .7	• ?				2 • 4	17.7
€ .	•	•	•	•	• 7	•	• 1	• !				3.5	-7.r
ESE	•	•	•	• ′	• 5		• .	• ;				• 3	x 5 . 6
SE	•	•	•		• -		•					1.5	16. 7
SSE	•	•		• "	• 7		• "	• '}	•	• :	-	1.5	72.5
3	-			•		· •	•	. 7	• 7			5.	2.
SSW	<u>.</u>	•	•	• "			• ^	• 5			• 1	6.5	71.6
sw	#	• 1	•		1.			.4		• ?	• 1	5.3	71.6
wsw	*	•	· · · · · ·	1.5	7.00	1.	7.1	1.1	.7	• i	• **	- 0 €	-2.7
w			1.		2.	1	1.3	. • 2	• 7		•	17.7	19.7
WNW			7.	2.1			• 12	• 2	1 .	•		F . 2	13.0
NW	•	•	·		1.3	, .	•	• 7	• 3	. 2		7.1	13.0
NNW		•		7.	7.1	1.		• -	•			3.3	15.5
VARBL			1		1	 		1				1	
CALM		> <		><	>		> <		$\supset <$	$\supset \subset$. • .	
	I		13.	24.6	17.2		B . 9	5.7	1.5	• 6	• 2	200.1	12.3

TOTAL NUMBER OF OBSERVATIONS -187

EL AL CELLATES Y A ALCH STATESTA AL LATTE VILLAS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

• •	1. 1. 1. 1. N. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		DEC
BYATION	STATION NAME	YEAR	S MONTH
		THE PEATSON	<u>^739=1,2</u> 05
		CLASS	NOWAS (L.S.T.)

SPEED (KNTS) DIR:	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•		7.	7.1	3.5		1.	• `				15.5	5.5
NNE	•	•	•	7.1		٠.	• 7	• 5				9.7	16.4
NE	•	•	• ?	• 1	7.6	1.	• 14	• `				9.6	17.4
ENE		•			1 • €	• 1	•	• -	• 7			1.3	15.5
€		•	,	1 • '	*• '	•	• 7	• 1	1	i		5.7	16.1
ESE	•	•	• •	.1		• 7	•					3.0	^ •
SE		•	•	• 10	• ^		• '	•				3.1	15.9
SSE			. 1:	• "	• 12		1	•	•			2.7	19.
5		•			•	•	. :	• 4	•	• 7.		3.7	73.0
SSW			1 .	^	• *	•	• 3	.0	• 0			4.4	75.6
SW		•	•	• 1	1.5	1		.9	• "			0.6	74.4
wsw	• · · · · · · · · · · · · · · · · · · ·	•		•	7.	1.	• *	•	•			5.3	24.
w	i	•	•	•	7.4	• ''	•6	• E,				5.4	20.
WNW	•	•		7.7	• 1.	•	•	. 1				5.9	13.
NW			T		1.	•	• 1	• 3	i			5.2	15.7
NNW	•		1.2	:	1.0	٠.	• 11					6.6	15.7
VARBL			1				T	-			<u> </u>	1	1
CALM	><	\geq			\supset		\geq	>	\supset	\sim		1."	
		5.4	10.3	23.5	21.7	16.5	7.5	5.8	1.7	• 2		-:-	13.0

TOTAL NUMBER OF OBSERVATIONS

FI AL CLIM T LOGY C AGCH CONTINO A STORY STOREC ZOA

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	LITERAL ALL ALL	- * •	_	_ 0.40
STATION	STATION NAME		YEARS	MONTH
		MAL CEATOR		igh≖ngri
		CLASS		H0086 (L.S.T.)
		COMPLITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N				e ·	2.7	~ , 7	4.					17.3	5.5
NNE		• '	• 5	₹.4	ੇ• 3	•	• 7	. 5	•			- 6	7.0
NE		• 1	•	11.	î.	•	• •					1.1	10.0
ENE	i	•	• 1		2.	7	1.7	• 6					7.
E	1	•	• "	• *	• '	•	•	7		• .		• 5	[5.3]
ESE	ļ,		• 7	• 1	1 . 71	• ''	• 1	• ^				/ •5	16.3
SE	# — · · · · · · · · · · · · · · · · · ·	•		• (• ('							. • 2	34.
SSE		•	•	.1	• -	•	• (• ~					73.
S				• **	1.1		• 11	• •	•			3.5	72.
ssw				•-	• '	7	• 1	• (•	• .		# • 3	76.4
sw			•	•	•	1.4	• 1.	• ^	• -	. • . `		f • 1	24.
wsw			•	•	1 . 7.	1.	2.5	• 2	•			6	22.3
w		•		î , r	• _	•	• 7	• 3	•			7.4	19.
WNW			2.4	, r	• 1		• `					. 6	5.1.
NW				3 . ft	•	•	• 5	• 1				4.5	15.7
NNW	•	•		• 1	1.5	• ′ 1	• 1					. 0	15.5
VARSL		<u> </u>											
CALM						$\geq \leq$	><	$\geq <$	$\geq \leq$	$\geq <$	><	~ . 3	
		/1	11.4	25.7	21.1	1,	0.9	4.3	••:	. 4			18

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

• :	The state of the s	* * = * .		PEC
STATION	STATION NAME		YEARS	MONTH
		ALL STATES		10=r 851
		CLAS#		HOURS (L.S.T.)
		COMPITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		•		₹. *	~ · · ·	3.€	`.	• '				13.2	1:5.7
NNE	•	•	• 2	•	7		•	•-	•3			. 7	17.7
NE	•	•		• ~	7.	• `	•	• 7				7.5	18.1
ENE	•	•	1 .		1.3	7 . "	• `	•^	•			7	19.5
E		• 3	• 6	•	1.5	• *	• .	• -				1.5	17.5
ESE		•	•	•	•	•	•	• ?			ļ	3.5	1.7.5
SE	•	•	•	• (• ′	•	• "		l			- •	*4.1
SSE			1	• 1	•	•	• 15	• 5				1.9	24.2
s	H	•	! ti	1.7		1.	• ;	• 1;				5.0	71.4
ssw				1.07	• -	•	• 1:	1.4	•	• !		5.5	26.
5W						1.	• 11	• 5	• `	• 3		4.0	25.
wsw		•	• **	• [• 11	•	• 6	• 4	•	• 1		4.7	75.2
w		£' •	• 11	.:	1.6		• • •	• 1	•			6.4	18.3
WNW		•	• • • •	7.5	• "	• "		•				b •	3.3
NW	•	•		1.0	• 12	•	•					٠. و ٢	12.4
NNW		• 1;	• 11	1.6	1.7	7.	• 4					5.8	17.4
VARBL			1	I									
CALM	$\supset <$	><		> <	> <	><	$\geq <$	$\supset <$	> <	><	> <	• ?	
		5.6	10.	25.5	20.4	16.	2.7	F. 6	1.3	•5		0.3	1.00

TOTAL NUMBER OF OBSERVATIONS

(, 7

AT ALCOHOLDS TO ANCH

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION .	STATION NAME	→. YEARS	Di C
		cryse	0) (- 1 1 [] () NOVAS (LS.7.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 . 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N					`• ·			3				* 4	10.6
NNE	•	•		•	• 1	•		• 1;				9.2	5.1
NE		•	•	7.	^ •			• 6				• 5	10.9
ENE		•	•					:•?	•			7.4	₹
E	•	• 1	•			•	•	• 7				5.9	15.2
ESE		•		. 1-	•	• "	•					7, 9	17.3
SE	• ~		• '.	• '		:.	•					2.4	19.0
SSE		•			•	•	• /:	. 5	•				12.
S		•		•	•	•		1.:	• "1			3.8	74.0
ssw	<u> </u>	•		• (• ,	-		. 0	• :	• ?		4.3	26.5
sw		•		, <u>,</u> 7	• 7	7.	•	1.7				7.5	23.1
wsw		•	· ·	• -	•	1 .	1.0	•				5.8	24.5
w		†	i .	. (1.0		. 7	• ?				6.3	17.8
WNW	•			7.7	.1	•	• t;	• 1				5.7	14.2
NW			1 . 7		• 7	• "	• 2					1.5	13.2
NNW		•		• *	1.1	1.0	• •	• 2				5.7	16.3
VARBL			1		1						ļ	1	1
CALM	> <					><	$\supset \subset$	> <	> <			'•1	
		1.02	7.7	25.	15.0	14.2	10.0	E • U	• (. 2		213.3	18.3

TOTAL NUMBER OF OBSERVATIONS

935

THE EARL CLIPTIFICACY TEAMOR TO ATTAC ATTACON STOMES AG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	v*	atc
STATION	STATION NAME	YEAR	S MONTH
		ILL FEATHER	2 An=1409
		CLASS	NOVRS (1.8.7.)
		COMDITION	

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*	MEAN WIND SPEED
N				•	7.		• ೧	• ?				4."	6.6
NNE	•	•	•	- · · ·	7.	3.5	• 3	•(' • 4	17.
NE		•	• • •	7.0	7.5	2.7	• 0	• 1				8.6	18.4
ENE	•	•	•	• 1		• "	• ?	•?				7.7	1:7.
ŧ	4	•	•	1		•	•	• 7	•			5.5	17.
ESE	1	•	• *	• !	7.7	• •	•	•				3.	19.1
SE		•	•	• (•	• ^					7.7	16.
SSE	li :	•	•	• [• 1	• *	•	• 6.	•			7.3	32.5
\$		•		• "	• "	•	•	• £	• 7			3.5	23.
SSW	•	•	1	• *	• 1	•	• `	2.4	• 5	• :		5.7	76.9
sw		•		• 5	3.	1.	•5	• =	• 1			4.7	23.2
wsw		•	1	• *	7.1	1. *	1.6	• 0				5.9	24.7
w		• '	•	1.0	2.0	1.7	• 6	• !				6.5	19.2
WNW		• 7	•	7.7	• 6	• •		•		•		6.1	13.5
NW	•	•	1.	• t:	1.1	•^	• 1					1:.5	14.
NNW	•	• 1 ⁵	• /	• 7	2 • "	1.5	• *					5.7	16.2
VARBL	<u> </u>		1			T				<u> </u>		1	1
CALM		\geq	\times	\geq	>	\geq	> <	\geq	\geq	\times	\geq	1.7	
	• ^	5.7	17.3	71.6	.0.6	17.7	8.3	6.7	1.4	• 2		ing.	18.4

TOTAL NUMBER OF OBSERVATIONS

93.

EL AL DETRY TOLOGY AS OH

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

·	6.14 A. Z. 35		
STATION	STATION MAME	YEAR	\$ MONTH
		MI PEATER 1	12 .0-1707
		CLASS)	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• • • • • • • • • • • • • • • • • • • •		•	11.5	7.		•					15.2	6. ć
NNE		• 4		10.0	2.1		• -	.3				- 4	17.2
NE		•		1.0	3.5	•	1					. 7	15.5
ENE	•	•	•	• 1	?•	•	• "	• -	•			1.1	77.1
ŧ .	1	•		•	1."	•	• 13	• -				3 . 1	18.0
ESE	!		•	,,	1.		• -					7.9	2 (;
SE		•	•	- 11	• (•					5.5	17.8
SSE		•	•		•	•	•	.7	•			3.2	1:1.
5		•		• '		•	•	. ~	ļ ———			0.8	17.
SSW		•		١.			• 1	-5	1			4.0	75.
SW		•		• •	7.6	1.	. 7	• 6	•	• !		1.5	21.0
wsw		•	. 1		1.		1	• '}	7			6.	72.4
w		•		1.5	~,7		• 1	•1				7.3	16.9
WNW		•	1.0		•		1	• (l		5.7	14.2
NW		•	•	1	1.07	-	• 7	<u>-</u> -				4.1	15.2
NNW		•	1.7	1.	105	·	•	•	 			- 5	16.5
VARBL	†		1 2	-	· · · ·	 		1	 	 	 	1	+
CALM	><	$\geq \leq$	$\geq <$	$\geq \leq$	\supset	\geq	> <	\geq	> <	> <			
		ک و ن	13.7	21.8	23.7	15.0	7.7	5.1	2.4			2 0.0	18.1

TOTAL NUMBER OF OBSERVATIONS

OUT PAR OLDER TOLORY TO ALCHO-TOLOTTAG A COMMATE CONTINUE (SAME)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

* .	,	- ^ ·	nec
STATION.	STATION NAME	YEARS	MONTH
		ALL CONTRACT	್ರಾಗ= ೃಗಾ
		CLASO	HOURS (L.S.T.)
	an a survey and survey and an area	COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥\$6	*	MEAN WIND SPEED
N		•	• • •	7.7	7.0	~		• 5				5 5 6 7	. C • ₹
NNE		•		• 7	٦.	1.	•					4.5	15.0
NE					7.		•	•					17.₹
ENE				• • "		1.	• t.	•	•			•	17.3
E	•	•	•	1.0	•	•	• =					7 • 2	16.7
ESE		•	• ''	• ^	1.	• *		• "				•	75.4
SE			•	•	• 7		• 11	• 7				5.00	71.
SSE	9	•	• *	• ~		•						•	16.
5	1	. •		• -	• 6	•	• 7	• • 1		· B		1 . 1	75.5
\$\$W				•	•	•	• 7	1.1	• 4	• ?		4.	3
SW	I		•	•	1.	•	•	• 1.	• ^			4.5	~ ?
wsw				. 1	•	1.0	1."	• ~	• ~			6.5	2.7
w			7.	?∙5	, .			• ,				7.3	14.7
WNW	•	•	. 7	1.5	• ~	•	• 7	• 1				5.6	12.4
NW		• "	•	• "	• 0	•	• 1:					₹ • 5	14.5
NNW	•	•	• ċ	1.1	1.7	l.	• 8	• "				5.6	17.
VARBL													
CALM		\geq		\geq	\geq	$\supset <$	$\geq <$	$\geq <$	$\geq <$		><	•.7	
		વ. ર	1	23.2	15.7	10.4	- 7	5 • 3	1	• 6		7.0	17.7

TOTAL NUMBER OF OBSERVATIONS

0.7

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		=* , *		010
STATION	STATION NAME		YEARS	MONTH
		LL Cart		130-0350_
		CLA86		HOURS (L.S.T.)
		COUDIE-00		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 . 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N				•			•						7.1
NNE	· •		•			•	•	•				· 3	15.2
NE	•	•	•	•		•	•	•				0.4	17.f:
ENE	•	•	•	• 1		•	•	• -				•	1 / · /1
E	•	•	•	•	_ •		• 1					4.5	17.7
ESE		•	•	•	•		• 1					4 • 4	19.7
SE		•	•	•		•						_2.5	1000
SSE		. • .	• '		•					•		•	15.
S			•	•		•	• 7	•	•			4.	2 • 2
ssw		•	• ′	•	•		•	• '	•	•		3.5	26.9
sw			•	•	• 1		•	•	•			7 . 4	22.5
wsw		•				•	•	. "				5.5	5 B
w	1		•	• (• `	•	•	i	•		··• 5	13.€
WNW		. •		• •	•		•					5.6	12.
NW	•		•	1			7.	• '				. • .3	15.0
NNW	•	•	•				• •						15.5
VARBL	i	!	!										
CALM		><		\geq	\geq	> <	\geq	\times	\geq	\times	><	• 7	
			٠, ,	<u> </u>	16.5	17	c.,	۲	1.5	. 3			:7.7

TOTAL NUMBER OF OBSERVATION

THE TOTAL PROPERTY LONG CO. BANKY.

D

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

٠.	$T_{ij} = T_{ij} + T$.*	p., c
BOATAGE	STATION NAME	YEARS	MONTH
	11	5. ★ ★ * 中	ALL
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. '	•		•		7.5	•	7	•				16.4
NNE	•	•	•			•	•	• 4	• *		1	• *	16.
NE		•	•		•	•	•	• 7				• 7	17.5
ENE	•	•		• 1	1.0	•	•	• "	•			7.5	18.
E	•	•		•	• • •	•		• '	•	•		5.	17.
ESE	•	•	• "		•	•	•	•				3.7	19.
SE	•	•		• *	• 1		•	•	•			2.5	17.0
SSE	<u></u>	•		•	• '*	• 11	•	• 1	•	•		?•€	7
S	•	•	• 4	• 5	•		•	• 1,	• '	• '		3.0	72.4
SSW	•	•	•	• "	•	•	•	•	• "	•		u.	77
sw	•			•	1.	•		•	• **	•		25 • €	73.3
wsw			. "	•	1.1	7.	•	• -	•	•		F .	23.3
w		•		•		•	•	• "	•	•		6.	16.
WNW		•	. 1		•	•		• 7		•		-	1
NW	•			•	•		•	•				•	74.4
NNW			• ^	• • •	1 . (•	•					-	16.3
VARBL			1										
CALM		><		><					><	><	><		
		•	, 7 • ·		511.3			· • •		• 7			

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION HAME	YEARS	A L L
	<u>'LL'</u>	CYA I I I.	A L L
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	4) - 47	48 - 55	≥56	*	MEAN WIND SPEED
N			., .		2.		·	• ^		•			14.2
NNE					•		•	_ • '_		•		6.4	4 7
NE	•	•	•	•	•	•	•	• '	_ •	•	• ′_	5.2	15.7
ENE			•		•	• "	•	•		•		4.5	15.0
E		•	•	1	• '	•	. 7.			•			14.7
ESE		• '	• ,	• ^	•	• "	•	•				5.5	14.5
SE	•		• ^	• "			• 7	•	• *			7.4	14.
SSE		• • • • • • • • • • • • • • • • • • • •	• ',				. 7	• '	•	•		3.7	15.
s		•	•	•	• i.	•	, u	• 5	•	•	•	€.7	15.7
SSW		•	•		. • !		• 5	• 3	• "	•	• `	6.7	17.5
sw			•	1.7	• 1	•	• 5	• 7	• '	•	• `	7.1	17.3
wsw	•		• ^		•	•	e c	•	• 1	• 0	• 5	7.7	16.7
w			•	• 7	1	•	•	•	• "	٠,٦		7.6	13.3
WNW	•				. 24		• `	.1	•	• "		7.9	12.1
NW				1.1	-,		• 3	.1	• **	• 6		15	-4.3
NNW			•	~	1.0		•-	• 1	•	• 0		3.	19.5
VARBL											1		
CALM		$\supset <$	><			$\supset <$	> <	$\supset <$		\geq	><	1.47	
			, 5	200	17.7	71-	5.1	2.4	. "		a.r	1111.00	14.3

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	And the second s	ALL
STATION	STATION MARIE YEARS	MONTH
	THE TOTAL A ST	_ /LL
	CLASS	HOURS (L.S.T.)
	/10 17 140 FT 4/ VOY 1/2 HI 6 MCH +	
	COMPLYION	
	NO ZOU VENMO ZOUTO HELZOUT L'ZOTO NO FT ON MORE	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	≥56	*	MEAN WIND SPEED
N	*	•		• 7	/	•	•	•		•		7.,	15.5
NNE		•	•	•	•	•	• 13		•			6.5	10.3
NE		• -		•		•	• "	•				_ 3	17.2
ENE	•	•	•	•	•	•	• 1.		•			- 4	17.
E	•	•	•	•			•/	• 7.	•			5 • 5	16.
ESE	•	•	•	•	•	•	, i.;	•	•			4.7	10.2
SE	•	•	•	•	•	•	• //	•	• "		Ĺ	4.4	1.6 . 1
SSE	•		•	•	• "	• "	•	• =	•	·		4.	17.5
S	•	•	•	•	• 5	• 1	•	• "	• !	• 17	• 1	3.	17.0
ssw	•	•	•	•	• "	• `	• "	• 1	• 2	• 1	• ^	7.8	18.7
5W	ic .	•	•	•		•		• -	• `	• :	•	7.7	17.1
wsw		•	• -	'• *	•	•	•	• .7	•		•	• 4	15.3
w	T	•	- u	•	• 1	•	•	• 1	•		•	5 • 3	12.8
WNW		•	•	•	• 2	• 1	• *	• 1	•	•:		7 • I	14.1
NW	•	•	•	• 7		•		• :	• 1	• .		7.0	7.7.
HNW		• 0	• 1	• • •	1.7	• '	• 7	•	•	•		- 5	5.8
VARBL													
CALM				\geq		$\geq \leq$	\geq	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	1 • J.	
			1	27.0	30.3	17.4	6.6	7.€	• 7	• 3		100.1	10.3

TOTAL NUMBER OF OBSERVATIONS

21677

USAFETAC FORM (ILRAS (OL +A.) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles.

Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the >10 mi visibility category should be used with great caution.

Continued on Reverse Side

EXAMPLES FOR USE OF CETAING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING							VI	ABILLIY (S	AIUIL MI	LESI						
(FEE1)	≥ 10	ه څه	r 5	≥ 4	≥a	= 2%	2.7	: 1%	21%	21	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	20
NO CEILING			_~						ب							
1	\bigcap						$\overline{}$				\sim	\leq	\geq	\bigcap		\simeq
≥ 1800 ≥ 1500					91 <u>.0</u>									ļ		92.6
≥ 1200 ≥ 1000																
≥ 900				-												
≥ 700 ≥ 600				·		<u> </u>										
≥ 500 ≥ 400			-	• • • • • • •		1				97.4			-	ļ	} }	98.1
≥ 300 ≥ 200	•										 -					
≥ 100 ≥ 0					95.4	ļ	96.9			98,3		- 	 	 		100,

- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 . For instance, from the table: Ceiling \geq 1500 feet = 92.6%.

 Ceiling \geq 500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:

 Visibility ≥ 3 miles = 95.h\$.

 Visibility ≥ 2 miles = 96.9\$.

 Visibility ≥ 1 mile = 98.3\$.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility \geq 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2000-0200

CEUNO							V15	BILITY ST	ATUTE MIL	ES-						
· FEE	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥175	≥11.	≥1	≥ ≒	≥ >•	≥ 7	≥ 5 16	2.	≥0
*40 - EUNO		• 1	2.0	20.3 2.6	20.0	20.6	21.3	1.3	11.7	21.3	21.3	7 .9 21.3	23.9	20.9 21.3	27.9 21.3	20.9 21.3
2 18000 ≥ 5000		- 5		11.1	21.7	71.3 21.3	21.5 21.5	21.5 21.5	21.5 21.5	21.5 21.5	21.5 21.5	21.5 21.5	21.5	21.5 21.5	21.5 21.5	21.5 21.5
≥ 14000 ≥ 2000		7	21.7	7:•2	21.7	71.5 71.7	21.9	71.7 71.9	21.7 21.0	71.7 71.9	21.7	21.7	21.7	21.7 21.9	21.7 21.9	21.9
≥ 19000 ≥ 9900 ,	•	2. • 2	21.7	21.4	21.7	^1.7 	21.9	21.9 21.0	21.0	21.9 21.9	21.9	21.9	21.9 21.2	21.9 21.9	21.9	71.7 21.9
≥ 9COC ≥ 1 KH		27.0	27.	22.9 23.7	23.7	3.2 <u>4.1</u>	24.3	25.4	24 - 3	24.3	24.3	23.4	23.4	23.4	23.4	23.4
2 6000 5000 	•	7 . 2	24.	20.4	24.0	24.3 <u>24.8</u>	25.	74.5	24.5 25.1	24.5	24.5	24.5 23.1	24.5 25.1	25.1	24.5 25.1	24.5 25.1
4500 4000		72	33.1	26 • 8 33 • 8	2 7 • 2 34 • 5	77.3 <u>74.6</u>	34 . 5	34.9	27.5 34.9	27.6 35.2	27.6 35.3	27.6 35.3	27.6 35.3	27.6 35.3	27.6 35.3 44.6	27.6 35.3
2 1500 · 2 1000 · 2 2500 ·	`• i	45.2	4 7 6	42 • . 40 • . 56 • 9	52	13.5 cr.9	51.1	14.1	44.1 51.7	52. 61.5	44.6 52.5 51.9	44.6 52.5 61.9	44.6 52.6 62.	52.6 62.0	52.6 62.0	52.6
2000	- 3.	2 • 3 1 • 2 1 • 7	54	66 • 5 67 • 6	71.7	71.2 71.9	72.5	74.1	73.2	74.0 74.9	74.4 75.4	74.4	74.5	74.5	74.5	74.5
2 1200	3.1	4, (64.4 73.5	1	75.0	76.1	77.4		7°.	79.8 84.5	8 - 2 84 - 9	83.2	85.2	80.4		84.4
≥ 1000	•	50 9 60 5		76.2	82.5	2.3	(86.5	87.2	87.6 38.8	87.7	89.1	88.0		88.1
≥ 800 ≥ 700	3.	1 3		78 • u	34.0	97.1	97.8 89.7		90.1	91.3	94.2	91.9	92.3	92.5 94.8	95.1	92.7
≥ 600	3.0	1.5	77.8	1		₹ 7.7				96.0	95.2 96.9	95.3 96.9	95.8 97.4	96.7	96.3 98.5	
≥ 400	3.0	71.5	75.1	87.5		88.7			95.1	96.5 96.6	97.5 97.7	97.6 97.8	98.5	99.7	99.8	100.0
2 200 2 100 2 0	3.1 3.1	71.5 71.5			88.1 88.1	28.7 28.7	9 8		95.1	96.6 96.6	97.7	97.8	98.5 98.5 98.5	99.0		

TAL NUMBER OF OBSERVATIONS 93.

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORNOLETE



GUSTAL CUIRTTOLOGY DOANCH UBSTOTAC ARE STAVIOUR STAVIOUSMAC

SHERVA AFR AK

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0700-0500

CEUNG	:						VIS	ABILITY ST	ATUTE MIL	ES			· · · · · · ·			
. FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 2	≥ 2	≥115	≥1'.	≥1	≥ '4	≥ >•	≥ 7	≥ 5 16	≥ .	≥0
NO CEIUNG ≥ 20000	1.3	15.3 15.9	15.° 16.5	15.8 16.5		16.6 17.2		16.7	16.7 17.3		16.7 17.3	1 t 7 1 7 . 3			16.7	16.7
≥ 18000 ≥ 16000	1 • 5 : • 5	1 .2	16.5 16.8	16.8 15.8	17.5 17.5	17.5 17.5	17.6 17.6		17.6	17. ⁷	17.6 17.6	17.6 17.6	17.6 17.6	17.6 17.6	17.6 17.6	17.6
≥ 14000 ≥ 12000	1.3	16.5	17.2 17.3	17.2 17.3	1°.0	18.0 18.1	19.1 18.2	19.1 8.2	18.1 18.1	18.1	18.1 18.0	19.1	13.1 18.2	18.1 18.2	19.1	18.1
≥ 10000 ≥ 9000	1.3	16.7	17.3 17.4	17.3	13.1 13.2	18.1	18.7 18.3	18.2 18.3	18.7	19.2 18.3	18.2 18.3	18.2	19.2 18.3	18.2 18.3	18.2 18.3	15.2
≥ 8000 ≥ 7000	1.	1 - 3	19.0	18.4 18.9	19.1 19.8	19.1 19.8	19.9	_	10.5 19.6	19.2 19.9	19.2	19.2	19.2 19.9	19.2	19.2 19.9	19.2 19.9
≥ 6000 ≥ 5000	1.	4	21.	10.5 71.0	21.8	20.3 21.9	?3•4 27•?	22.2	27.4	20.4 22.2	27.4	2 4 2 2 • 2	20.4 22.3	27.4 22.3	27.4	20.4 22.3
2 4500 2 4000	1 2.1	7: • 9	23.	23.5 31.5	32.6	74.5 32.7	37.9		33.1	24.9 33.1	33.2	24.9 33.2	25.1 33.3	25.1 33.3	25.1 33.3	25 • 1 33 • 3
2 3500 2 3000	2 • ? 	3 1 - 1 4 2 - 4	38.3 46.	39 • 2 46 • 9	49.4	48.6	40.9 48.9	19.4	41.1	41.1	41.3	41.3	41.4 50.0		41.4 50.0	41.4 50.0
± 2500 ± 2000	2.3	5'.1	54.7 64.3	55.7 65.5		57.8 63.7	58.5 69.4		59.2 71.2		59.8 71.9	59.8 71.9	59.9 72.7	59.9 72.0		59.9 72.0
≥ 1800 ≥ 1500	2.5	5 • 2 54 • 3	65.5 77.1	66 • 7 71 • 5		70.0 75.4	73.5 76.2	77.4 78.1	72.6 78.3	79.	73.3 79.7	73.3	73.4 79.8			73.4 80.0
≥ 1000 ≥ 1000	2.6		77.9			2.7	81.2 84.6		83.5 87.2		85.1 88.7	85.1 88.7	85 • 2 88 • 8			85.4 89.0
≥ 900 ≥ 800	2 • 6 2 • 6	71.2	76.2 78.4	78.0	84.8	95.4		90.7		91.3	89.4 92.	92.3	89.5 92.2	92.3	92.6	92.6
≥ 700 ≥ 600	7.5	71.4	79.2	81.2	86.1	88.2	88.8 97.4	92.9	93.7	93.2 94.8	95.6	95.6	95.8	95.9		
≥ 400	2.6	71.9	8 • 6		88.8	89.8	91.9	94.8	95.6	96.6 97.1	98.3			98.7 99.0		
≥ 500 ≥ 300	2.0	71.9	8		88.8	89.8		94.8		97.1		98.3	98.8	99.0	99.7	
> 100 ≥ 0	2.5	71.9 71.9	8 .7	31.9 81.9		29.9	92.3 92.3	94.9	95.7 95.7	97.2 97.2		ı	98.9 98.9	99.2 99.2	99.9	

TOTAL NUMBER OF OBSERVATIONS

931

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS COMONS OF THIS FORM ARE OSSOLETE

SEN AT CLIMATHLECY PHANCH A SECTION AND A SECTION

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> пара-свас</u>

CEUNG							VIS	BILITY ST	ATUTE MIL	ES						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2,	≥ ?	≥115	≥1 4	≥1	ية ≤	≥ ′₀	≥ ′⁄	≥5 16	≥ .	≥0
NO CEIUNG ± 20000	1.1	15.5	16.	15 • 2 14 • 5	16.7	16.7 16.9	16.7 16.9	16.7	16.9 17.0	16.8 17.0	16.0 17.0	16.8	16.8 17.1	16.8 17.0	16.8 17.1	16.8
≥ 1800C ≥ 6000	1.3	1	16.5 16.7	16.8	17.2	17.2	17.3	17.2 17.3	17.3	17.3 17.4	17.3 17.4	17.3 17.4	17.3	17.3 17.4	17.3 17.4	17.3 17.4
≥ 14000 ≟ :2000	1.3	2	16.7	16.9	17.3	17.3 17.3	17.3	17.3	17.4	17.4 17.4	17.4	17.4	17.4	17.4	17.4	17.4
2 10000 2 9000	1. 7	1:.5	16.9	17.1	17.5	17.5		17.5	17.6	17.€ 17.6	17.6	17.6	17.6 17.6	17.6 17.6	17.6	17.6 17.6
≥ 80HC ≥ 7000	1 4	1 .2	17.6	17.8	13.4	16.4	्ष व	19.4	1°.5	18.5	18.5	18.5	18.5		18.5	
2 6000 5000		. 4	10.5	27.1	21.1	11.0	21.1	71.1	21.2	21.2	21.7	21.2	21.2	21.2		21.2
2 4500 2 4900	•	74.1	24.7	25.2 33.1	20.7	76.2 34.5	26.6	76.6 34.8		26.7 35.1	26.7	26.7 35.1	26.7	26.7	26.7	26.7 35.2
≥ 3500 ± 3000	2. 7	7 . 7	38.1	30.9	47.5	*0.5	47.3	41.0 42.4	41.1	41.2	41.2	41.2	41.3	41.3	41.3	41.3
2500 2000	3.7	45.9	53.5	54.8 05.3	57.4	c7.4	57.7	58.2 70.4	58.4	58.5	58.5	58.5 71.0	58.7			
± 1800 ± 1500	3.2	3.3	65.2 68.4	67.3	71.2 75.4	71.2 75.4	71.7	77.8	73.1	73.3	73.3	73.3	73.5			73.7 79.2
≥ 1200 ≥ 1000	3.3	6.1 50.1	71.0		79.6 82.5	79.6 92.5	80.8	P 2.3	82.7	83.1	83.3	93.3		84.	84.1	84.1
≥ 900 ≥ 800	3.3	67.7	74.9	77.8	83.5	°3 • 5	85.2	87.3	88.	88.5 90.6	88.9	88.9	89.5	89.6	89.7	89.7
≥ 700 ≥ 600	3.3	60.8	77.8	85.1	87.0	₹7.3	88.8	91.1	91.8	92.6	91.1	93.2	93.9	94.0	94.1	91.8
≥ 500 ≥ 400	. 3	7 . 8	74.2	81.6	89.6		92.4	95.2	96.1	97.	96.	97.7	96.9 98.6	98.8	99.2	97.1
£ 300 £ 200	3 · 3	7 .8 70.8 73.8	78.2 72.3 79.2	81.8	89.6	29.7	92.4	95.2	96.	97.4			99.1	99.2	99.7	59.7 59.7
- 100 - 0	7.3 7.3	7 • 8	78.2	81.8	89.6			ი5.2		97.4 97.4 97.4		98.2		1	99.7 100.0 100.0	

POTAL NUMBER OF ORSERVATIONS.....

USAF ETAC TOLINA 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE ORBOLETI

GL PAL CLIPATOLOGY SCANCH USSETAC ACCEPTS WEATHER SCANICEARAC

CEILING VERSUS VISIBILITY

T 614 SHE YA ACU 41

74-23

900-1104

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

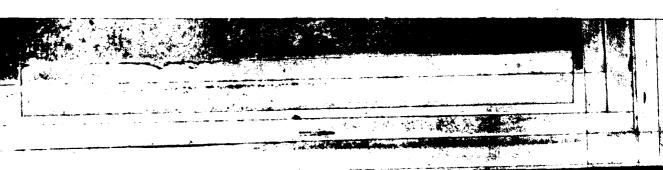
HOUR 151

ZEIUNG							V15	BILITY +ST.	ATUTE MILI	ES:						
1 +661	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 >	≥ 2	≥1'7	21%	21	≥ ¼	≥ ,,0	≥ 5	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	• 5	17.4	17.6	16.5	16.0	16.9	16.7	16.9	17. 18.3	17.	17.7	17.0 18.3	17.9	17.	17.0	- 1
≥ 18000	<u> </u>	1/•3				18.6	18.5	18.6		18.7	18.	18.7	18.7	18.7		18.7
≥ 16000	- 1	16.1	19.5	14.3		18.8	18.9	18.8	18.9	18.9	-		13.9	18.9	_	
≥ 14000	7.1	1 8 .	1 2 . 4	13.4	17.5	18.9	12.9			19.0		19.0		19.7		19.0
2 12000		13	10.5	18.5	1	9	19.	19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	1
≥ 10000	•	18.3		12.5	17.	19.0	19.5	19.0	19.1	19.1	19.1	19.1	10.1	19.1	19.1	19.1
≥ 4,000	~	10.4	1	14.6	17.1	19.1	12.1	19.1	10.7	19.2	19.3	19.2	19.2	19.2	19.2	19.2
2 8000	7.7	3 . 3	25.5	20.5	21.1	1.1	21.1	71.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
2 7000	• .	71.9	27.3	22.4	22.0	22.9	27.3	22.9	23.3	23.0	23.	23.0	23.0	23.0	23.7	23.
≥ 6000	•	?.7∙	22.0	72.5	23.	13.N	23.7	23.0	27.1	23.1	23.1	?3.1	23.1	23.1	23.1	23.1
.± 5000	• 7	27.3	27.	23.0	24.4	24.4	24 . 4	29.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 4500	^ • C	. 2	25.2	25.9	26.6	26.6	26.6	76.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
: 4000	10.0	71.5	3 ? • 7	32.8	33.7	73.7	33.3	73.9	34.	34.0	34.7	34.3	34.0	34.5	34.0	34.5
. 2 3500	17.3	35.00	40.0	40.2	41.7	41.2	41.4	41.5		41.7	41.7	41.7	41.7	41.7	41.7	41.7
2 3000 	14.0	43.3		45.4	46.5	46.5		46.8		47.1	47.1	47.1	47.1	47.1	47.1	47.1
2500	10.3	5 • 9	53.3	53.9	55.4	75.5	55.7	5.5.9	56 - 1	56.2	56.2	56.2	56.5	56.6	56.6	56.6
2000	17.5			63.1	65.2	65.3			66.0	67.1	67.1	67.1			67.5	
800	17.6	€?•0		(4.6	T I	66.9	67.4		!	68.7	68.7	68.7	1		69.1	l 1
- ≥ 1500	18.3	ં4• ઇ		70.0		73.5	74.5			76.7	76.9	77.1	77.8	78.1	78.1	78.2
2 1200	13.4	67.3		73.8		77.8	79 • 1	~0•2	1	81.5	81.7	82.0	82.8	83.7	83.0	83.1
≥ 1000	10.4					್.0•3	31.9			84.6	84.9	85.4			87.0	
≥ 900 ≥ 800	1 ^ • 4	59.0		76.6	t	1.6	83.1	94.5	. 1	85.9	86.6	87.3	88.2		88.7	1 1
	18.4			77.2	82.4	<u>92.6</u>	84.3								90.3	
≥ 700 ≥ 600	1 4	59.7		78.1	84.7	°4 • 4	86.1	37.6		89.5		90.5			92.8	
	13.4	7 • 2		79.1		35.6	87.7									
≥ 500 ≥ 400	18.4	7 . 6	1	79.7		86.7	89.7		91.6	92.9					97.1	
·	19.4			79.8		96.9		91.3			95.1		97.1		_	
≥ 300 ≥ 200	1 2 • 4			79.8		36.9	89.4			94.1				98.4		99.2
	10.4	70.6		79.8		36.9	89.4				95.4		97.6			
> 100	15.4			79.8	-	- 1	89.4			94 - 1	95.4		97.6			170.0
لـــــــــــــــــــــــــــــــــــــ	18.4	• 6	77.1	14.8	86.7	36 • 9	89.4	- 1 - 3	92.7	94.1	95.4	96.U	97.6	98.5	99.1	00.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC NI M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE COSOLE



CESCAL CEIMITOLCOY THANCH USTOFFAC ATT WORTH STINE STINE ZHAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12-p-1400

i i i	,						VIS	1 8 11/14 ST	ATUTE MILI	ES.				·		
188.	* *** *** ***	20	> \ 	≥4	* i	≥2	≥ 2	≥ '	≥1.	<u>2</u> 1	٤.	≥ '•	≥ >	≥ 5 16	≥ .	≥0
ेरक हैं। है - 2000 स	•		17.	: u •	19.5	17.5	16.1	4.1	:	14.1	14.1	14.1	14.1	14.1 17.2		14.1 17.2
* R-49		• 1	. • .	1 .5	1 6	15.7	1 . 4	10.7	18.7	13.€ 18.7	18.5 18.7	13.6. 13.7	18.6 13.7	18.6 18.7		
4 44	• • • • • • • • • • • • • • • • • • •		1 1 4	* ^ . i	1	7 • 1.	17.1	10.1	10.4	15.1 19.4	10.1	19.1	19.1 19.4	19.1 19.4	19.1 19.4	19.1
		_	1 • 1	17.5 30.5	1 4.6	19.7	12.7 1.2.7	19.7	19.7	19.7	19.7	19.7	19.7 19.7	19.7 19.7	19.7	19.7 15.7
- 4 - 4 	•	, , . . <u></u> .	21.61 21.61	21.3 21.0	27.2	71.0 13.5	21.4	1	23.7	21.6	21.6 23.2	21.6 23.3	21.6 23.3	21.6	23.3	21.6 23.3
- 1448 - 144		7 7 1 1	2	71.1 24.5	27.7 24.7	73.46 <u>74.5</u>	25.0	4.6	24.	73.4 24.8	23.4	23.4 24.8	23.4 24.8	23.4	23.4	23.4 24.8
- 45 s - 4 ss		73.0	33.5	26.3 34.2	34.6	76.7	34.	75.7	34.	34.9	26.7 34.2	26.7 34.9	26.7 34.9	26.7 35.1	35.1	26.7 75.1
***		47.	47.4	40.9 48.4	49.0	9.1	47.4	41.0	41.4 44.6	47.9	49.5	49.9	41.9 49.9	42.2 50.1	50.1	42.2 53.1
	34.	5.01 5.08	54. 62.	55.1	56.7 65.4	6.5 65.6	66.9	67.4		£8.1	57.7 68.2	57.7 68.3	57.7 68.3	58 • 1 68 • 6	58•2 68•8	58.2
H: 4		61.8 66.3	68.1	69.5	66 • 7 72 • 3	72.5		75.1	75.4		69.8 76.3	69.8 76.3	69.8 76.5			
200 201	3-4	7	77.5	74 • 1 75 • 8		79.2		53.	E3.?	64.3	81.5	81.5 84.6	81.7 85.3	85.7	82.5 86.2	86.2
. 9/x	. į- ų	71.5	73.7 74.1	76.7		79.8 70.5	83.1	95.1			65.6 67.2				89.1	
700 2 600 5 -	4	. • / - <u>- 1 • 9</u>		77.2	82.7	2.3 2.2	85.9	38.6	89.2	90.3	91.4	9 .0 <u>91.5</u>	92.9	93.5	94.4	94.8
. 100 . 400 . 301	3 . 44	<u> </u>	75.2	78 • 1 70 • 1	87.4	34.1 74.1	87.8 89.1	2 5	91.6		93.5 94.6 94.7	93.7 94.7	95.3 96.3	97.1	98.3	98.8
. 700 . 700	7 . 4	7 . 2	75.3	75 • 1 75 • 2	83.5	24.2	88.2	90.6	91.7		94.8	94.8 95.3		97.6 97.6	99.1	99.8
<u>:</u> ^	3 7 • 44 3 7 • 44	7:02	75.5	76.2	83.5 63.5	4.2	89.3	7 6		93.1	94.8	95.3 95.3	96.9	97.6		100-0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC - 0-14-5 (OL A) Revious serious or his right 48 08004

TE HAT CETMATGLOSY N ANCH T MORTAG ATT WEATHOR SCOVICTIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

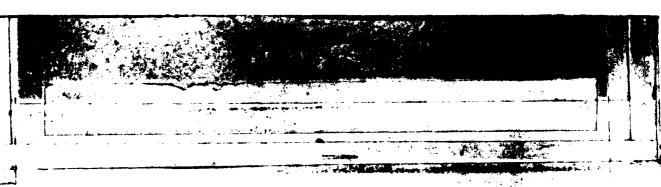
15 C-1700

CERING							VIS	BULITY ST	ATUTE MIL	ES		-				
FEET !	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2 >	≥ ?	≥11'2	≥114	≥1	≥ ≒4	≥ %	≥ 7	≥ 5 16	≥ .	≥0
NO / EILING _: 20000	/•·• []•4	11.7	17.7		(13.7	13.7		17.7	13.7 17.2	1			13.7 17.2		
≥ 18000 ≥ 16000	3	1 7	19.7	19.7	i	- 1	18.7			18.7 18.7	18.7 18.7	18.7 18.7	18.7 18.7			18.7 18.7
≥ 14000 ≥ 12000	1	10.7	10.1	15.1	10.1	19.1	19.1		19.1	19.1 19.3	19.1 19.3	19.1	19.1 19.3			19.1 19.3
± 10000 ≥ 900x		3.00	2	C •2	2 . • 7	2 . 5	2 • 2		20. 27.5	20.2	20.2	20.2	20.2		20.2	20.2 20.5
9.40°	14.5	71.	2 ~• *	22.1	22.1	2.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
6000 5000		74.1	2 + . 0	04.5		75.9	24.5		24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
• 4500 • 4000		71.4			26.8	76.9 73.7				26.9 33.7	26.9	26.9 33.7	26.9	26.9	26.9	
50k		46.3	37.7		40.7	40.4	47.4	40.5		49.5	47.5		40.5 49.2	40.5		
·	- 4	53.4		55.7 64.9	56.P	56.9		57.3		57.4 67.8	57.5	57.5 68.0	57.7 68.2		58.1	58 - 1
2 800 500	37.		6.0	66 • C	67.8	67.9	68.4	68.7		69.1 75.3	69.3	69.3	69.5 76.3	69.8	7~.1	
200 200	75.1 30.5	7 .7	74.5	75.7	78.5	78.7		87.3	3P.4	80.9 84.6	81.4	81.4	82.0 86.1	82.2	82.7	82.7
900 2 800	36.5	73.1 73.5	77.2	78.9	82.	°2.3	83.5	84.5	84.6	85.4 86.7	86.1 87.5	86 • 1 87 • 5	87.0 88.6	87.2		87.6 89.3
2 700 2 600	3/1.7	73.8		87.0	83.5	93.9	85.5	27.1		88.7	89.8	89.8	91.1	91.3		92.2
: 590 : 400	31.07	74.5	77.	99		95 • 3 85 • 5	87.7	97.5	91.8	93.3	94.6	94.6	96.4 97.3	96.7	97.6	98.5
2 300 2 200	30.7	74.5	77.1		84.8 84.8	85.5 85.5	88.1		92.2	93.8 93.8	95.5	95.5	97.5 97.6	98.	99.9	99.9
: 10K	3+. • 7			81.1 81.1		5.5 5.5		91.0	92.2	93.8 93.8		95.6		98.1	99.	100.0

TOTAL NUMBER OF ORSERVATIONS....

929

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS SPITIONS OF THIS FORM ARE ORBOLETI



GEORAL CLIMATGLODY PRANCH CLAFETAC AT KEATULE SERVICEARAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

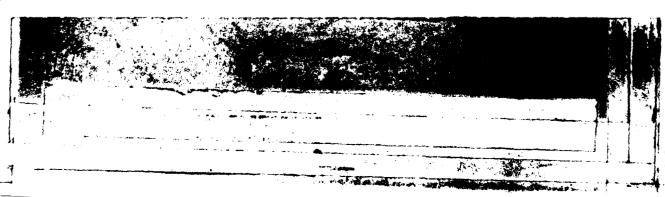
1800-2000

CEUNG							V15	BILITY ST.	ATUTE MIL	ES						}
FEET	10 ج	≥6	≥ 5	≥ 4	₹3	≥2 /	≥ 7	≥1';	≥1.,	≥1	≥ '₄	≥ '*	≥ "י	≥ 5 16	≥.	≥0
NO CEIUNG ≥ 20000	. 11	7	1 1 3 .	! ^ • 2 13 • 7	17.7 13.7	12.2 13.7		17.2	17.7	12.2	17.2	12.2 12.7			12.2	
≥ 18000 ≥ 16000					14.8 15.2	14.8 15.2		4.°	14.5 15.2	14.8 15.2		14.8 15.2	14.8			14.3 15.2
2 14000 2 12000			1 4	15.5 15.5		15.5 15.5	15.5	15.5 15.5	15.5	15.5 15.5	1	15.5 15.5	15.5	15.5 15.5		15.5 15.5
≥ 19000 ≥ 2000	C • 3	1.5.6	16.	16•1 16•1	16.1 15.1	16.1 16.1	16.1	16.1 16.1	16.1	16.1	16.1 16.1	16.1	16.1 16.1	16.1	16.1 16.1	16.1 16.1
≥ 90m0 - 7000	1.3	16.6	17.1	17.2 14	17.2 12.4	17.2 19.4	17.2 19.4	17.2	17.2	17.2 19.4	17.2 19.4	17.2	17.2 19.4	17.2 19.4	17.2 19.4	17.2 19.4
2 6000 5000	. t . ₹	c	19.1 2.6	10.4	19.4 21.5	*9 • 0 21 • 9	19.4	19.4	15.4 25.5	19.4 20.9	19.4 21.0	15.4 21.0	19.4 21.0	19.4 21.0		19.4
+ 4500 2 4000	7	73.3 23.8	22.5 20.5	??•7 ?°•2		72.7	23.7 29.4	27.7	22.7 29.4	22.7 29.6	22.8 29.7	22.8 29.7	22.8 29.7	1		22.9 29.8
± 1500 ≥ 7000	• 3	7:•2 4:•	3 . T	38.9 44.5	1	79.4 45.4				46.5	4" • 1 46 • 6	4 •1 46•6	47 • 2 46 • 8			45.3 46.9
2500 2000	. :2. 1 24. ¶	4 y . 5 5 . 2	51.7 6 .0	52.2 62.3	53.1 64.2	53.4			53.9 65.6	55.1 66.8	55.2 67.3	55.21 67.0	55 • 5 67 • 3	55 • 5 67 • 5		55.9 68.1
2 1800 2 1500	24 • 7 7 • 4	50.4 62.4		63.8 67.7		66 • 2 70 • 8			- 1	- 1		-	68.9 74.9			69.7 75.8
± 1266 ± 1000	2 <u>.</u>	45.7 67.8	-	77.2	75.7 73.0	75 • 6 78 • 4	76.5	70.0 31.5		79.8 83.9		9 °•0 8 4 • 5	80.5 85.2		81.3 86.1	81.4 86.3
≥ 900 ≥ 800	20 3 20 3	50.4 59.4	. •	75 • 2 77 • "	78.5 83.6	79 • 1 21 • 2	87.5 82.9		82.7 85.6	85.2 88.3		86.0 89.5	87.0 97.6			98.2 91.8
≥ 700 ≥ 800	25 • 3	69 .6	7:3	77.6	. ,	°2•0 82•6	83.3 84.4	86.3 37.3	86.9 87.8	89.6 91.0				93.7 94.6	93.7 95.3	96.1
≥ 500 ≥ 400	26.3	69.6		77 • 8 77 • 8		°2.7	84 • 9 85 • 1	88.0 88.3		91.9	ı .	93.5			96.8 98.3	
2 300 2 200	26.3 26.3		75.3	77.8 77.8	82.0	92.9 82.9	85.1		89.4	92.9	94.4	94.8	96.9		98.7 98.7	
> 100 ± 0	26 • 3		75.3 75.3		82.0		85 • 1 85 • 1		1	92.9 92.9	1 1		96.9 96.9		98.7 98.7	

TOTAL NUMBER OF OBSERVATIONS_

971

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORNOLE



GUTTAL CLEANTHLOSY OF ANCH.
F. FELTAG.
ATT. FORTH C. STOVIC Z. AC.

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7-2300

- En No	•						VIS	IBILITY ST	ATUTE MIL	ES						
186.	310	. ≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ 7	≥ 1:	21.	2+	2.	≥.•	≥ .	≥ 5 16	≥ .	≥c
Figure 2-1000	•	1 2	1		15.1 15.0	15.1 15.9				15.1 15.9		15.1		15.2 16.0		15.2 16.
1 5/H K	• 1	1	1	14 .1 16 .2	15.7	16.3 16.3	19.3	17.3	: 4; • 7 • 6 • 7	16.3 15.3	16.3 16.3	10.3 15.3	16.3 16.3		16.5 16.5	16.5 16.5
2 14000 2 2000 1 2000	•	1 •5	15.4 15.6	15.6		10.7	15.7	16.7	16.7	16.7 16.7	16.7	16.7	16.7 16.7	16.9 16.9	16.8 16.8	16.8
_3 1049€ 3 9000 	` <u>``</u>	1.	17.0	10.7	17.	17.	17.	• •	17.	17.	17." 17.	17.0	17.0 17.0	17.1 17.1	17.1	17.1 17.1
• P(x)Xr	• •		2.1.	13.1	27.5	<u>^_</u> 0•0		20.3	20.5	18.2	20.0		2".9	18.3 21.0	1°.3 21.0	18.3
2 6000 5000 		- 7	21.5	7.06	22.0	77.0		7.0	25.0	20.9 20.9	20.7	22.2	22.2	22.3	22.7	21.3 22.3
4500 4000		• 4	2 > • (77.0	23.7	7.4	37.4	7.	3 •	23.3	37.5 37.6	3:.6	3 `•6	30.8	31.5	30.5
* 3500 3 (300 *		. 1	37.0 45.7	46.7		10.5	40.6	4 . 8	41.7	41.6 49.2	45.4	41.0	49.5	49.6	42.2 49.8	42.2
100 100 	, , , , ;		67.	43.S		16.9		52.3	56.9	60.5	69.7	57.5 67.8		69.9	_	58.1 70.3
800 5 X	5	61.	F F	65.4 6.5	71.7	72.3 77.3	74.7			76.9	77.1	77.2		77.3	77.8	77.8
20X 190X	1 5		77.1	75.8 76.8		, .6 1.8	97.5	^4.3	54.F	32.4 86.3 88.5	87.6 86.7 38.9	86.8	87.7 86.3 89.0	87.1		87.6
2 800	3	56.3 56.8	75.3	78 • 5	83.1	3.6	86.6	89.	91.4	c1.3	91.7	91.8	92.	92.5	93.1	95.7
2 800	5.7	5%	76.2	77.9 79.9	85.7	^6 • 2	89.2	71.8	92.4		94.6 95.5	94.7	95.1		96.8	96.9
≥ 400	5.7	60.J	76.7	٤ . 3	85.4 55.4	6.3	89.8	72.€	93.3	95.7	96.1	96.2	96.8	97.6	98.8	99.2
200	5.7 5.7	69.0	76.3			n6.3	89.8	92.6	93.7	96.0	96.5	96.6	97.2	98.2	99.5	99.9
	5.7	60	76.3	e . c	85.4	^6 • 3	1	92.6	93.3		96.5				- 1	

TOTAL NUMBER OF OBSERVATIONS

USAF FTAC 10164 0-14-5 (OL.A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLES

SE TAL CETMATTER MATCHANCH WITH THE SELMENT MAKEN

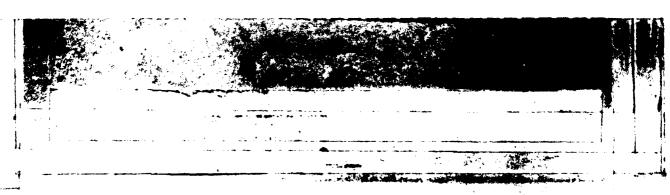
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

+10+	•		·				vi5	IBILITY STA	ATUTE MILI	ES .						.]
+66.	≥ '0	≥6	≥ 5	≥.4	≥ 3	≥2:	± 7	≥1:	≥1.	<u>≥</u> 1	≥ •	≥`•	≥ ;	≥ 5 16	≥ .	≥0
2000X:	•		1 6 6	15.4	15.7	15.7	17.7	. e	15.0	15.5 17.2	15.8 17.2	15.8	15.8 17.2	15.8 17.2	15.8 17.2	15.8 17.2
2 1800C 5 500C		17.3	1	17.6 17.7	17.5	17.9	17.7	7,c	18.	13.7 15.1	1°•7 18•1	! '•0 13.1	13.7	15.7 18.1	18.7	18. 18.1
2 14000 7 2000 14		7	1	19.0	15.7	13.3 13.4	19.4	13.3	18.3	13.3 18.4	15.7 18.4	18.3 18.4	18.3	18.3	18.3 18.4	18.4
± 10000 ± 10000		10.4	1 • 5	1 - 4	1 2 7	18.7	13.9	18.7 13.2	18.7	18.7 18.8	18.7	18.7 18.8	18.7	18.8 18.8	18.8	18.9
- 9044 - 1x40 - 6000		1 1 0 1 2 1 0 2	21.4	19.8 21.5	21.7 22.	21.9	22.	77.2 77.2	27	2 1.2 22.1	27.2	2 3 • 2 2 2 • 2 2 2 • 2	20.2 22.5 22.2	20.2	27.2 22.2	20.2 22.7
5000 4500		74.5	27.	25.1	25.4 25.5	23.5 25.5	25.0	23.6 27.6	25.7	23.6 25.7	23.6 25.7	23.6 25.7	23.6	23.6 25.7	23.6 25.7	23.6
4:00		-1.1	30.5	32.3 4.1	32.7	33. 11.1	33.1	77.1	33.2	33.3 41.5	73.7	73.3 41.7	33.3	33.9	33.4 41.8	33.4
. 1800		44.7 53.3	47.5	45.5	42.1 56.0	18.2	44.4	48.6 57.4	48.3 57.5	49. 57.9	49.1	45.1 58.7	49.2 58.2	49.3 58.3	40.3	49.3
7000	5 •	-/ • S	63.	69 • 4 65 • 7	67.	67.2 68.7			7: •5	69.5 71.	69.7 71.2	69.7 71.2	69.8 71.4	70.C 71.5		
200 2 1000	1	67.5	70.3	74 • 2		78 • 3	77.6	°4.0	01.9	92 7	77.4 32.6	92.6	83.7			83.5
990 2 800	10.7	59.6	74.2	77.	31.4	1.0	83.6	55.3	85.5	85.9	87.5	87.6	88.2	88.4	88.7	
≥ 700 ≥ 600	1/07	7 .4 73.7 71.1	76.6 77.1	78.3 79.1 79.8		63.4 64.9	87.1	84.5	87.0 89.8 91.3	91.1	89.6 91.9	89.9 92.1 93.8	92.9	93.3	93.8	
≥ 500 ≥ 400	1 7	71.2				96.6 46.7	89.4		92.8 93.2	94.4	95.3		96.6	97.1	97.8	
2 300 2 200	16.7	71.2	77.4	8 . 1		*6.7 86.7	89.6	92.3	97.2	°5.1	96.3		97.7	98.3		99.7
≥ 100 ≥ 0	16.7	1	77.4 77.4		86.1 86.1	86 • 8	89.6	22.3		95.1 95.1	96.4 96.4	96.6 96.6	97.8	98.5 98.5	99.4 99.4	r 1

TAL NUMBER OF ORGENATIONS

USAF ETAC 101 64 0-14-5 (OL A) MEVIOUS SOITIONS OF THIS FORM ARE OBSOLE



GE- AL CLIMATALOGY DTANCH USASTTAC AL ASATH - S VICTAMAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 100-5205</u>

(EUNG							VIS	BILLITY ST.	ATUTE MIL	ES						
116.	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1;	≥1′₄	≥1	≥ 4	≥	≥ .	≥ 5 16	≥.	≥0
NO FEBNIST 20000	. 1		15.5	15.7 15.2	15.5 16.3	16.7	10.3	5.7	16.3 16.7	16.2 16.7	16.7 16.7	16.2	16.2 16.7		16.2 16.7	
≥ 18000 ≥ 16000	1.4	1 . 2	17.3 10.0	16.3 16.9	13.4	17.4		1.6.8	16.0	16.8 17.4	16.8 17.4		16.8 17.4	16.8	16.8	16.8
≥ 14000 2 (2000	1.0	14.2	- 1- 1	16.9 ;7.	17.1	17.4		17.4	17.4	17.4 17.5	17.4 17.5	17.4 17.5	17.4 17.5	17.4 17.5	17.4 17.5	17.4 17.5
\$ 9000 \$ 9000		15			17.6	18.	10.7	18.	10. 18.	18. 18.	18.0 18.	18.0 18.0	18.7 18.7	18.0 18.7		1
≥ 8000 ≥ 7000		1 .1		-	20.0	19.6	20.3	19.6	19.6 20.3	19.6 20.3	2 . 7	19.6	19.6	26.3	20.3	76.3
2 6000 2 5000		9			21.5	77.4	20 • 4 21 • 4	71.4	20.4	21.4	20.4	70.4 21.4	21.4		21.4	21.4
2 4500 2 4000		7 2 • 3	37.	23.2 31.6	23.5	73.9	23.0 32.5	77.6	23.0 32.6	23.9 32.7	23.9 32.7	23.9 32.7		32.7	32.7	32.7
2 9500 ° 2 9000 	3 • 1	4 .	30.1 47.5	40.2	41.1	1.5	57.9	11.7	41.7 51.7	51.3	51.3	41.8 51.3	41.8 51.3	51.3	41.8 51.3	51.3
2500 2000	- 13		61.	59.7 67.	71.7	72.3	73.	77.5		52.5 74.1	62.5 74.2	62.5 74.2	62.5 74.2	74.5	74.5	
2 500	• 5	63.5	56.7	69.9 3.3		73.2	78.3	79.0	74 • ? 79 • □	74.9	75.1 80.4	75.1 8:.4	75.1 83.4	75.3 80.7	75.3 80.7	80.7
± 1200 ≥ 1000	- 5 - 5	64.4	71.5	74.5 75.1 75.7	79.0 77.0	79.6	82.3	21.8	81.8 87.3	82.7 85.1	83.6 86.2	93.6 86.2	83.9 86.5			27.1
2 800	• 5 4 • 5	65.1 65.0	77.5	76.4 76.6	81.6	21.6 22.9	84 · 5	54.2 85.8	84.2 35.8	86.2	87.2 89.4	87.4	87.7 9.7	88.1 91.3		
2 600	5	65.2	72.7	76.7	8 . 3	93.8 93.8	85.8	97.4	86.8 87.5	90.3	97.7		93.0	93.6	92.6 93.6	92.9
2 500 2 400 2 300	4 • 5	65.2 65.4	72.9	77.2	82.5 83.7	24.9		89.5	88.2 9n.a 97.1	91.1 93.1 93.4	92.6 94.6	93.0 95.0	94.2 96.5			95.4 98.0
≥ 200	, 5 , 5	65.4	72.9	77.2	- 1	94.9	87.2	99.6	90.1	93.5	94.9	95.6	97.5		99.2	9.8
2 0		65.4			1	04.0				93.5		95.7				170.0

TOTAL NUMBER OF OBSERVATIONS 84.6

USAF ETAC 100 M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRIP

GENTAL CETMATOLOGY THANCH HIMFETAC ATH MEATHE STEVIC: MAG

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIL NO .							VIS	BILITY ST	ATUTE MIL	E5		-				
FEE.	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1';	≥1.	≥ 1	≥ ;₄	≥ `•	≥ ;	≥ 5 16	≥.	≥0
NO FEIUNG 1 20000		1 . r 1 . 5	10.0 12.6	2 .2	2 ' . t	2 • 4 2 • 6	D •4	ار و الم	21 • 9 27 • 9	25.4 27.4	20.4 20.4	20.4 20.4	20.4 20.4	20.4 20.4		20.4
≥ 18000	1.4	19.9	21.5	20∙6 20•6	2 .6	20.6 20.8	20.9	7 . E	27.4 2.8	21.6 21.8	25.6 20.8	? 1.6 2 1.8	27.6 27.8	20.6 20.3	20.6 20.8	
≥ 14000 ≥ 12000	1.4	1 .9	20.2 2.0	27.6	29.8 21.8	50 • 8	50.8	2 7. 8	20•8 20•8	20∙8 20•8	20.8 20.3	2 •8 20•8	2°•8	20.8 20.8	20.8 20.8	24.8 26.8
≥ 10000	1.	2 • 3	2 .	71.2 11.7	21.4	21.5	21.5	21.4 21.5	21.5	71.4 21.5	21.4 21.5	21.4	21.4 21.5	21.4 21.5	21.4 21.5	
2 9000 ·		?1.2 ?1.5	27.0 27.3	22.3 22.7	22.€ 22.9	22.7 23.0	20 • 7 23 • D	27.0	22.7 23.0	22.7	22.7 23.0	22.7 23.0	22.7 23.9	22.7 23.0		22.7 23.0
5000		7:00	23.5	23.3	23.0	73.2	23.7	27.2 14.5	23.2 24.5	23.2 24.5	23.2	23.2	23 • 2 24 • 5	23.2 24.5	-	23.3 24.6
4500 4000	?•7	37.1	2 (. 1 3 · . c	24.5 39.7		77.2	27.7 41.4	27.2 41.4		27.2 41.4	27.2 41.4	27.2	27.2 41.4	27.2 41.4	-	
± 1500 ± 066	~ · · · ·	4 3 . 5	52.2	46.7 53.4	48.7 55.3	48.5 55.4	48.5 55.4	48.5 55.4		48.6 55.6	48.6 55.7	48.6 55.7			55.7	55.8
2000	· · · ·	50.4 51.7	65.7	69.	71.9	72.5	72.9	73.1	73.7	65.4 72.6	65.5 73.9	65.5 73.9	73.9	74.0	74.0	
80C	3.	62.8	67.5 77.0	72.9	73.1	73.6	74 • 1 78 • 7	74.3 7°.5	78.5	75.1 79.3	75.4 79.7			75.7 85.4	80.5	80.6
200 2 900	3.1	66.5 56.5	77.1 72.5	75 • 1 76 • .	79.6 83.9		81.6				84.2				87.7	85.2 87.8
- 900 2 800	3.	66.9 67.6			81.1	33.8			84.9 87.2		87.5 89.8		91.3	88.4 91.7	91.8	
2 600	3.3	57.6 67.6	73.4	77.9	83.1 83.E	85.1			89.5			92.7	94.1	93.1	94.7	94.8
± 500 ± 400 ± 300	3.1	67.6	73.0	78.6	85.5		88.4						95.2 97.9	98.5	98.6	98.9
÷ 500	3.7	67.8 67.8	73.8	78.6	55.5		89.7 89.7		92.2	93.5 93.6	95.5		98.3		99.3	100.0
≥ 1000 ≥ 0	3 • 7 3 • 7	57.8 67.8	1			16 • 8 16 • 8	89.7 89.7		92.2 92.2			1		98.9 98.9		

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC (OLA) PREVIOUS EDITIONS OF THIS FORM ARE ORDOLET

1

SECTIAL CELMATTLOGY ARABON CONFETAC ATTAC SERVICEZAMAC

CEILING VERSUS VISIBILITY

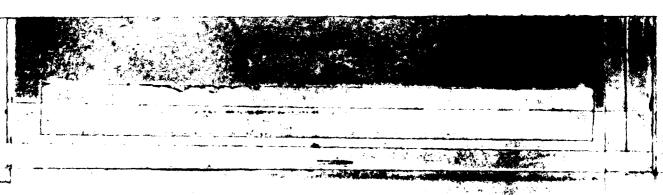
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 630-3800</u>

- EIDNO							VIS	BILITY ST	ATUTE MILI	E 5						
1 FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	≥1';	≥1.	≥1	2 4	2 .	≥ ;	≥ 5 16	≥.	≥0
NO / EIUNG ± 20000	1.4	i . i	1 .	16.4 15.5	16.5	16.8	16.2	16.5 16.5	16.°	16.8 16.9	14.0 14.0					16.9
≥ 18000 ≥ 18000	1.4	1 . 3	1 = 4		17.1	17.1	17.1	17.1	17.1	17.1		17.1	17.1	17.1	17.1	17.1
≥ 14000 ± 12000	1.4	; · . 4	16.5		17.7	17.3	17.3	17.3		17.3	17.7		17.3	17.3	17.3	17.3
≥ 1000 ≥ 9000	1.7		17.4	17.7	13.7	18.3	18.1	18.1	15.	10.1	15.1	16.1	13.1	18.1	19.1	16.1
≥ 8000 ≥ 7000	1.1	11.7		10.1		19.5	10.5		10.5				10.5		19.5	19.5
2 6000 2 5000			19.0	2 • .	21.7	72.7	27.7	17.3		20.3 21.6	20.3		20.3	20.3		20.3
2 4500 2 4000	3.	34.0			24.7	34.2	24.7	37.0	20.5 37.0	24.2	24.7	24.2	24.2	24.2		
2 3500 2 6000	7.1	41.4	44.	45.7	44.6 52.2	46.6	46 • 6 52 • 2	46.0	46.° 57.6	46.8	46.9	52.7		46.9 53.0		
2 2500 2000	3.4	50.6	57.4 6°.4	1 1	1	6 . o	6 . 0		61.5 70.9	61.7	61.5	61.6	61.9	62.1 71.9	62.1	62.1
2 1800 2 1500	3. 7	51.0	66.2	60.1		71.0	71.7 75.3	77.	72.1 76.9	72.5 77.4	72.8	72.8	73. 78.1	73.3 78.4		73.3 78.5
≥ 1200 ≥ 1000	· . 1	64.1	71.6	74.2	73.0	75.1 79.3	79.1	97.7	81.0	81.7	82.4	82.4	82.6	82.9 85.9	83.	83.1
≥ 900 ≥ 800	4.1			75 • 4 76 • 4	79.0 81.1	8: •0	81.8	84.	85.8	85.1	£6.5 88.9	86.6 89.2	87.1		87.6	
≥ 700 ≥ 600	4.1		73.3	76.4		21.3		P6.3		87.8	89.8	9 •2 91•8	93.9 93.1		91.4 93.6	- 1
≥ 500 ≥ 400	4.1	65.8 65.8	1		83.F	93.1 83.9	86.4		89.7 90.3			93.7	95.2 96.6			98.1
2 300 2 200	7.1		1		83.8	83.9 83.9			90.3	92.4		95.5	97.2	98.1 98.3		
? 100 ≥ 0	% . 1 4 . 1				83.8 83.8	-					95.0 95.0			98.3 98.3		

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS SOTTING FORM ARE COSCUE



GLOSAL CETMATOLOGY THANCH OTAFETAC AT FRATHER STRVICTY AC

CEILING VERSUS VISIBILITY

INC WA NED AK

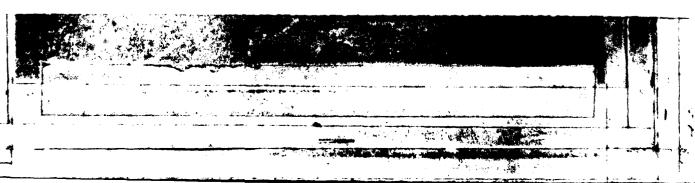
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1100

CEUNG							VIS	IBILITY ST.	ATUTE MIL	£5						
FEET	≥ 10	≥ه	≥ 5	≥4	≥ 3	≥2 7	≥ 2	≥15	≥1.,	≥1	٤.	≥ '•	≥ ,	≥ 5 16	٤.	≥0
NO CENING 2 20000	1	17.6	17.1	17.2 13.9	17.7 14.4	13.7	13.7	17.7	17.7	13.7	13.7	13.7	13.7		13.7	,,
≥ 18000	. 4	12.7 14.3	13.9	14.1 14.7	14.7	14.7 15.2	14.7	14.7 15.2	14.7	14.7 15.2	14.7 15.2	14.7 15.2	14.7 15.2	14.7 15.2	14.7 15.2	14.7 15.2
≥ 14000 ≥ 12000	5.1 5.1	14.3 14.7	14.5	15.	1 .2	15.2 15.6	15.3 15.6	15.2	15.7	15.2 15.6	15.2 15.6	15.2 15.6	15.2 15.6	15.2 15.6	15.2 15.6	15.2 15.6
≥ 10000 ≥ 9000	• 1	15.2	15.8 15.5	15.4 15.6	16.7	16.3 16.2	16.7	16.0 16.2	16. 16.2	1.6 • : 16 • 2	16.7	16.0	16.0 16.2	16.0 16.2	16.0 16.2	
> 8000 - 7000		17.7	17.1	17.3	17.8	17.8 13.7	19.7	17.8 18.7	17.8	17.8 16.7	17.8 18.7	17.8 13.7	17.8 18.7	17.8 18.7	17.8 18.7	1
≥ 6000 ≥ 5000		9	1°•?	17.3 17.3	13.9	18.9	19.9	19.9	19.9	18.9 19.9	19.9	10.9	18.9 19.9	18.9	18.9 19.9	18.9
> 4500 2 4000	11.5	7 4	27.7 30.1	30.6	21.4	21.4 31.4	21.4 31.7	71.4 31.8	21.4 31.8	21.4	32.	21.4 32.5	21.4 32.0	21.4 32.1	21.4 32.7	
2 1500 2 1000	15.7	37.5 43.4	44.0	3' •9 45 •5	47.4	40.4 47.5	48.7	41.0	41.7	41.0	41.4	41.4 48.8	41.4	41.4	41.4	49.1
2500 2000	22.1	1.2	57.0	54.7	57.5	57.1 68.6		7-4	57.9 70.4	71.3	58.7 72.1	58.7 72.7	58.9 72.2	59.0 72.3	72.3	72.3
2 1590 2 1200	23.	(,4.4	67.5 67.9 71.	70.1	73.5	73.9	74 . 9	76.4	71.5 76.6	72.3	78.5	73.0 78.5	73.3 78.8	73.4 79.1	79.3	79.3
2 1000 2 900	23.	66.2 66.9	72.2	72.6 73.8	76.6 78.7	78.4 78.6	9 . 7	79.8 27.3	80.5 82.5	81.2 83.8	82.3 84.9	82.3	82.6 85.5	82.9 85.7	85.9	83.1 86.1
≥ 800	23.	57.5 67.5	73.0	74.9	79.6 80.3	81	81.9	84.5 95.7	83.1 84.9 86.1	84.3 86.7 87.9	87.6 87.5	87.6	86.1	86.3	86.5	88.9
2 600 2 500	23.1	67.7	73.5 74.	75.7 76.1	82.5	2.9	83.9	36.5 89.0	86.9 89.6	89.0	90.7	89.5 96.8 94.1	97.7 92.1	91.0 92.9	91.4	93.
≥ 400 ≥ 300	23.8	68.0	74.1	76.6	82.5	83.3	86.3	89.6	90.3	92.7	94.7	94.8	95.6 96.9 97.5	96 • 2 97 • 5 98 • 3	96.7 98.2 99.3	96.8 98.3 99.5
≥ 200 ≥ 100	23.4	68.D	74.1	76.6	82.5	23.3	86 . 3	89.6	90.3	93.1	95.2	95.5	97.6	98.5 98.5	99.4	69.6
≥ 0	23.1	68.	74.1	76.6		33.3	86.1	89.6		93.1	95.2	95.5	97.6	98.5		00.0

OTAL MIMMED OF ORSERVATIONS REA

USAF ETAC 108M 0-14-5 (OL A) PREVIOUS FORTIONS OF THIS FORM AND ORIGINAL



CLORAL CLIMA TOLDGY ORATCH COMPUTAC ATT WOATHS & SOUVICE AND

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17 5-1475

CERING							VIS	IBILITY ST	ATUTE MIL	.ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ 2	≥17;	≥1 4	≥1	≥ 4	≥ 5•	≥ ;	≥5 16	≥ .	≥c
NO CEIDING ± 20000	1.	. 5	15.1 16.7	1"•1 16•7	15.7	15.1 16.7	15.1	7.1 16.7	16.7	1	15.1 16.7	15.1 16.7		15.1 16.7		15.1 16.7
≥ 18000 ≥ 16000	12.4	17.7	17.5	17.4 17.5	17.4 17.5	17.4 17.5		17.4	17.4	17.4 17.5	17.4 17.5	17.4 17.5	17.4 17.5		17.4 17.5	
≥ 14000 ≥ 12000	17.	1 • 1	1°•7	1 • 3 18 • 7	18.7 19.7	18.7	13.3	18.3	18.7	16.3 18.7	18.7	13.3 18.7	18.3 18.7	18.3 18.7	19.3	18.3 18.7
≥ 10000 ≥ 9000	14.2 14.5	10.5 10.9	1°•7 2 •1	1º • 7 2 • 1	19.7	19.7	1º.7	10.7	19.7 20.1	19.7	19.7 20.1	19.7	19.7 20.1	19.7 20.1	17.7 20.1	19.7 20.1
≥ 8000 ≥ 7000	1 6 1 6	21.5 2".9	21.7 24.5	21 • 7 24 • 1	21.5	71.9 74.2	21.7	21.9 24.2	21.9 24.7	71.9	21.7	21.9	21.9	21.9	21.9	71.9 24.2
≥ 6000 ≥ 5000	1 ~ 4 1 7 • 7	23.8 74.2	24.5	24 • 1 24 • 6	24.7	14 • 2 14 • 7	24.7 24.7	24.7	24 • 7	24.2 24.7	24.2	24.2 24.7	24 • 2 24 • 7	24.2 24.7	24.2 24.7	24 • 2 24 • 7
> 4500 ± 4000	18.7 32.7	75 • 5 33 • 5	25.5 34.3	?6 • 1 34 • 4	26.2 34.8	76.2 34.8	26.7 35.	?ۥ2 75•5	26.7 35.	26.1 35.0	26.2	26.2 35.3	26 • 2 35 • 2	76.2 35.0	26.2 35.0	?6.2 35.€
2 3500 2 3000	37•4 27•1	13 49	43.6 5 .7	44.2 51.3	44.0 52.6	72.4	45 • 7 52 • 7	45.3 57.0	45.3 53.0	45.3 53.0	45.7 53.0	45.3 53.0		45.3 53.2	45.4 53.3	
≥ 2500 ≥ 2000	33. 27.4	57.3 63.5	50.3 66.8	59.9 67.7	61.6	61.6	62.4 71.2	4 2.€ 71.€	62.°	62.8 71.9	62.8 72.	62.8	62.9 72.1	63.9 72.3		1
2 1800 2 1500	77.E	54.2	67.1 70.3	, /	70.4 74.3	7 4	71.5 75.9	72.7	72.1 76.8	72.2 77.1	72.3	72.3		72.7 78.	72.9 78.3	1 1
≥ 1200 ≥ 000	27.4 29.4	60.4 7.2	72.5 73.4	73.6 74.7	76.8 78.7	76 • 8 78 • 7	79.1 81.9	63.5 83.5	87.7 87.7	81.2	81.9 85.3	81.9 85.3	82.4 86.2	82.7	83.1 87.0	83.2
≥ 900 ≥ 800	30 • 4 70 • 4	7 • 2 75 • 4	73.4 73.6	74 • 7 74 • 9	78.7 79.6	78.7 79.6	81.9 83.1	83.8 85.1	84. 85.3	85.0 86.3	85.7 87.1	35.7 87.1	86.6 88.1	87.2		
≥ 700 ≥ 600	30.4 37.4	70.7 7.9	74.0 74.2	75 • 3 75 • 5	80.5	°0.1	83 • 8 84 • 4	95.9 36.9	86.3 87.4	87.4 88.8	88.3 89.8	88.3 89.8	89.6 91.1	9 1. 3 92.	91.3	91.8 93.5
≥ 500 ≥ 400	39.4 39.5	7.9	74.5 74.6	/	81.7 81.4	01.7 11.8	85 • 7 85 • 8	88.9 89.1	89.5 90.1	91.3 92.2	92.7 93.9	92.8 94.1	94.4	95.5 97.2	96.7 98.6	97.2
≥ 300 ≥ 200	30.5 30.5	71.0 71.0	74.6 74.6	75.9 75.9	81.4 81.4	21.8 21.8		89.1 89.1	91.3	92.4	94.1 94.1	94.3	96.6 96.6	97.6 97.6	99.2	99.9
≥ 100 ≥ 0	30 • 5 39 • 5	71.0	74 • · ·	75.9 75.9	81.4	°1.8			90.3 90.3	92.4 92.4	94.1 94.1	94.3	96.6 96.6	97.6 97.6	99.2 99.2	

TOTAL NUMBER OF OBSERVATIONS

896

USAF ETAC 101 M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSO



EFFORE CETMATCLODY REAMORES OF FORTHER STEVIC MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1528-1702

CEIUNG		_					vis	IBILITY SI	ATUTE MIL	£S						
HEET	≥10	≥6	≥ 5	≥ 4	2 3	≥2:	≥ 2	≥11:	≥1.•	≥1	2 4	≥ .	≥ ,	≥ 5 16	≥.	≥0
NO CEIUNG ≥ 20000	13.	1.7.6	1 .	13.8 17.1	13.5	13.5	17.3	7.2	13.8	13.8	13.3 17.	13.8	13.8	13.9	13.8	13.5
≥ 18000 ≥ 6000	14.1	1 • C	13.1	10.2 10.3		16.2	18.2 13.3	13.2	18.2 18.3	18.2 18.3	1°•2 12•3	18.2	18.2	18.2	18.7	18.3
≥ 14000 ₹ 12000	14.4	1 . 7	19.7	15.9 18.9		18.9	18.9	18.9	18.9	18.9 18.7	18.9 18.9	18.9	18.9	18.9	18.9	18.9
= 1000C > 900C	15.3	ეი.გ ეკ.ფ	2 .6	2 . 8 21 • 2	21.2	20.8	21.3	21.2	21.5	20.8 21.2	2°•8 21•2	27.8 21.2	20.9 21.2	20.9 21.2	20.8	20.8
2 2000 2 2000		23.3 25.5	23.7	23.4 25.8	23.4	23.4 25.8	23.4	23.4 25.8	27.4	23.4 25.8	23.4 25.8	23.4 25.8	23.4 25.8	23.4 25.8	23.4 25.8	23.4 25.8
≥ 6000 - 5000	10.4	22	25.7 23.1	26.5 28.4	25.4	76.5 28.4	25.5 23.4	26.5 28.4	26.5 28.4	26.5 28.4	26.5 28.4	26.5 28.4	26.5 28.4		26.5 28.4	26 • 5 28 • 4
4500	.1.	25.0	35.0	36.2	36.3	29 • 2 36 • 3	27.7 36.4	79•2 76•4	29.7 36.4	29.2 36.5	29.2 36.6	29.2 36.6	29.2 36.8	29.2 36.8	1	29.2 36.8
2 3000	11.2	41.8	5 .4	47.0 5.8	51.4	13.4	43.7 52.0	43.9 F2.1	43.0	44.2 52.5	44.4 52.7	44.4 52.7			44.7 53.1	44.7. 53.1
→ 2500 → 2000	37.5	5 : • 3 6 <u>6 • 5</u>	60.4		71.3	47.6		1.€ 7.7.	77.2	62.1 73.6	62.4 74.1	62.4 74.1	62.9 74.7	74.9	75.1	75-1
2 1800 2 1500 2 1200		66.5	71.5	72.5	74.8	71.9 75.2		73.3 76.8	77.0	73.9 77.4	74.3 78.1	74.3 73.1	78.8	79.1	79.2	79.2
≥ 1000	4 7	71.2		75.4	78.7	78.4	81.9	87.7	81.5	81.8	82.7 85.6	82.7 85.6	83.6 66.9	83.8 87.1	87.4	37.4
≥ 900 ≥ 800 ≥ 700	40.7	71.5		76.6		ε1.2		85.2	85.7	85.5 87.1	86.5	88.3	87.9 89.7	88 • 2 90 • 2	90.5	
≥ 600	4 7	71.6	74.8	76.7 77.1	81.3		84.9		87.6	87.7	89.0 90.8	90.9		93.4	92.4	94.4
2 400	40 - 7	71.6 71.6		77.2	81.6 81.F	21.9 22.2	85.7	98.1 88.4	88.7		92.6	92.7		96.0		
2 200	4 3 . 7	71.6	74.9	77.2	81.8	82.2 82.2	85 • 7 85 • 7	88.4	89.4	91.7		94.1		97.4		99.9
2 0	4 : 7	71.6		77.2			85 • 7 85 • 7	38.4 38.4	89.4 89.4	91.7 91.7	94.0	94.1	96.3 96.3	L L	98.5 98.5	- 1

A P SHORTAVERSO OF SERMUN LATE

USAF ETAC 191 M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM AND ORIGINAL

GLOBAL CLIMATOLG DY STANCH UNAFITAC ATH MEATHER SERVICE MAC

CEILING VERSUS VISIBILITY

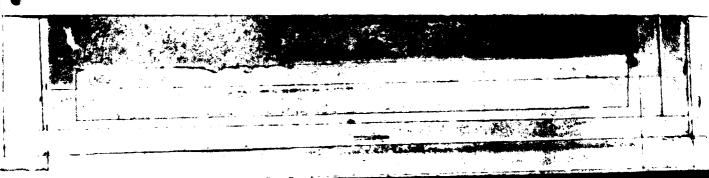
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18 0-2000

CEILING							viS	IBILITY ST	ATUTE MIL	ES-						1
* +667	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1 >	≥1.	ا ≤ِ	≥ .•	≥ ',	≥ -,	≥ 5 16	≥.	≥0
NO ← EIUNG 20000	1	5.2 11.3	11.3	3.5 11.7	11.7	8.5 11.7	9.5 11.7	°.5	8.5 11.7	1.5 11.7	8.5 11.7	8.5	8.5 11.7	8.5 11.7	3.5 11.7	5.5
≥ 18000 ≥ 16000:		1 .5	12•€ 13•1	13.G 13.5	13.5	13.5 13.5	13.5	13.0 13.5	13.5	13.0 13.5	13.0 13.5	13.0	13.7 13.5	13.5 13.5		13.0
≥ 14000 ≥ 12000	<u>, • 2</u>	13.7	14.0	14.1 14.5	14.5	14.1 14.5	14.1		14.1 14.5	14.1 14.5	14.1 14.5	14.1	14.1 14.5	14.1 14.5	14.5	
\$ 900C	. 10.	15.2		15.4 15.6	15.4 15.6	15.4 15.6			15.4 15.6	15.4 15.6	15.4 15.6	15.4 15.6	15.4 15.6	15.4 15.6	15.6	15.6
≥ 8000 ≥ 7000	1 3.1	7 4	~ ~ u	18.9 20.8	19.0 20.5	18.9 20.8	20.3	.:∩.ε	25.8	18.9 20.3	18.9	2:.8	18.9 20.8	18.9 20.8	20.8	20.8
± 6000 ± 5000	1 • (76.1	2 .7	72.5	21.5 22.6	2.6	22.6		21.0	21.0	21.0	21.0	22.6	21.0 22.6	22.6	
± 4500 ± 4000 ≥ 3500	23.4	23.3 37.3	27.3 31.0	23.6 ?1.4	23.8 31.7 32.8	23.0 31.7 39.8	23.3 32.3	27.8 32.0 40.4	23.° 32.°	23.8 32.1	23.8 32.0	23.8 32.0	23.8 32.0	23.8 32.7	32.3	32.0
± 1000	4	7.41	4~.5	46.1	46.0	46.8	47.4	47.4	47.4	43.5 47.5	47.5	47.5	4 • 5 47 • 9	40.5	47.9	47.9
2 2500 2000	52.	52.4 56	55.7 66.5	55.9 67.6	57. 69.7	77.1	57.8 71.4	71.6	57.9 71.7	58 • 3 72 • 7	58.3 72.8	58.3 72.8	58.6 73.3	58.6 73.3		73.4
2 1500	73.2		60.3	68.1 71.0 73.2	70.2	70 • 6 73 • 8	71.9 75.5 77.8	76.2	72.5 76.4 78.7	73.4 77.9 80.3	73.5 78.3 80.9	73.5 78.3	74.0 78.8	74.5	79.0	
; ≥ 10·0 → 900	33.	65.	72.5	74.8	77.5	77.9 78."			81.4	83.7	83.7	80.9	81.6	84.9		85.3 86.3
≥ 800	33.	68.2	72.7	75.2	78.6 78.8	79.0 79.2	81.7	83.1	83.3	85.	84.4 85.9	84.4 86.1 87.6	85.6 87.4 88.9	85 • 8 87 • 6		88.1
≥ 600	33.7	68.2	72.6	75.5 75.7	79.4	79.8			-	87.2	88.5	88.8		90.9		92.3
± 500 ≥ 400 ≥ 300	73. v	68.3		75 · 8		80.9	84.2	-			92.3	92.8	95.0	94 • 3 96 • 2 96 • 2		
2 200	33.7	58 · 3	73.0	75.8 75.8	87.5	80.9	34.2	87.7	88.4	95.7	92.3	92.8	95.0	96.6	97.6	99.4
2 0	33.	68.3		75.8		8G.9		a 7.7			92.3			96.6		00.0

TOTAL NUMBER OF CESERVATIONS....

USAF ETAC 101 64 0-14-5 (OL A) MENIOUS EDITIONS OF THIS FORM ARE GREOLE



GEODAL CLIMATOLOGY BRANCH Undertac Attendather Servichymac

CEILING VERSUS VISIBILITY

THEFT A AEG AL

4-67

FFR.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

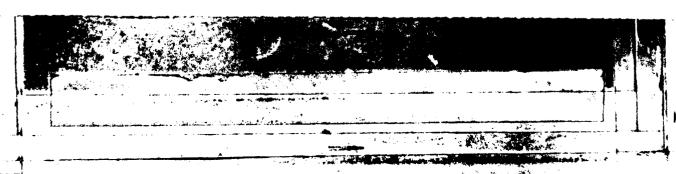
2100-2300

1

CEIUNG							VIS	BILITY ST.	ATUTE MIL	ES			-			
* *661	≥ 10	≥ 6	≥ 5	≥ 4	≥3	≥2 7	≥ 2	≥1:	≱1.	≥1	≥ 1,	≥ '″	≥ '5	≥ 5 16	≥ .	≥0
NO (EIUNG ≥ 20000	,	17.0	13.6 14.4	12.8 14.7	14.8	14.8	14.8	14.0 14.8	14.0 14.8	14.0 14.8	14.7	14.0		14.0		
≥ 18000 ≥ 16000		10.3	14.7	14.9 15.3	15.5	15.0 15.5	15.5	15.5	15.5	15.r	15.5	15.5	15.0 15.5	15.0	15.7	15.7
≥ 14000 2 12000	2.5	15.1	15.3	15.5 15.7	15.7	15.7 16.0	15.7	15.7 16.0	15.7 16.0	15.7 16.0	15.7 16.0	15.7	15.7	15.7	15.7	
≥ 19000 ≥ 9000	7.	15.1	15.5	15.7	16.6	16.0	16.5	16.0	16.6	16 • E	16.0	16.0		16.0 16.5		
≥ 8000 ≥ 7000	3.3	17.5 14.3		18.2	13.5	18.5 19.3		18.5	18.5	18.5	18.5	18.5	18.5	18.5	12.5	
2 6000 2 5000	3.3 3.6	10.5		19.3	19.5	19.5 20.7	17.5	17.5	20.5	19.5	19.5	19.5	19.5	19.5	19.5	
* 4500 2 4000	4 3	21.2 27.3		22.2	22.8	72.8		77.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
2 3500 2 3000	4	4	34.0 41.0	35 • 7 43 • 3	37.3 45.2	77.4	37.5	37.6	37.6 45.7		38.1	38.1	38.2	38.2	38.2	38.2
2500 27006	5 • 4	45.9 58.6		54 • 8 65 • 8	57.0 7.1	56.1	58.3	□8•6 71•4	58.6 71.4	59.1 72.1	59.2 72.3	59.2	59.4 72.5	59.4	59.4	59.4
	5 • · ·	59.2 61.7		66 • 5 70 • 1	71.1 75.4	71.5 75.7	72.7 76.6	77.5	72.5		73.5 78.9	73.5 78.9		73.7 79.6	73.8	74.0
2 1200 ≥ 1000	5 • 1 1 •	62.8 63.4		71.7 72.9	77.2 78.8	77.5	79.6 89.6	79.8 81.9			32.0 84.9	82.0 85.0	82.4	82.8	83.1 86.6	83.2
≥ 900 ≥ 800	1.•∏ 6.•U	63.9 64.6	7 • 5 71 • 4	73.4 74.6	79.3 81.1	79.8 31.5	81.3	82.6	83. 85.	84.4	85.6	85.7	86.4	87.1	87.3 89.7	87.5
≥ 700 ≥ 600	ს•7 ა•	64.6 54.7	71.5 71.7	74.8 75.1	81.9	82.4 93.1	84.4	86.2 87.2	86.€	88.4 89.5	89.7	89.9	9 .9	91.7	92.5	92.1
≥ 500 ≥ 400	5. 5.7	64.7 64.7	71.8 72.7	75 · 3 75 · 4	83.2 83.7	94.4	86 • 2 86 • 7	88.5 89.6	89.3 90.7	91.1 92.7	92.8	93.3	94.3	95.4	95.6	95.7
2 300 2 200	6.1 6.3	64.7 54.7	72.0 72.3	75 • 4 75 • 4	83.7	84.5	86.9 86.9	89.8 89.8	91.7	93.0 93.1	94.7 94.8	95.7	97.2	98.5	98.9	99.1
2 100 ≥ 0	5 .	64.7 64.7	72.] 72.]	75 • 4 75 • 4	83.7	94.5	86.9	89.8	91.1	93.1 93.1	94.8	95.9	97.4	98.7	99.3	99.8

DTAL NUMBER OF OBSERVATIONS 84

USAF ETAC TOTAL 0-14-5 (OL.A) PREVIOUS SOITIONS OF THIS FORM ARE DESOLUTE



TETRAL CLIMATOLOGY GRANCH LIMPETAC ATE WEATHER SERVICEMMAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEE'	VISIBILITY STATUTE MILES:															
	≥10	≥ ^	≥ 5	≥ 4	≥ 3	≥2 7	≥ ?	≥1'7	≥1%	≥1	≥ 1.4	≥ ′⁄a	≥ 5	≥ 5 16	≥ .	≥0
NO CEILING 2 20000	ا • د ر	14.2 11.5		14.6		14.8	14.3		14.8 16.1	14.8	14.8	14.8	14.8 16.1	14.3	14.8 16.1	
≥ 18000 ≥ 16000	•	15.9 16.3	16.2 16.5	16.4 16.7	- 1	16.6	_	16.9	16.6	16.6 16.9	16.4 16.9	16.6 16.9	16.6 15.9	16.6 16.9	16.6 16.9	
≥ 14000 ≥ 12000	u•3 4•3	16.5	16.8	17.0 17.2	17.2	17.2 17.4	17.2	17.2	17.2 17.4		17.2 17.4	17.2 17.4				
≥ 10000 ≥ 9000	5 • ∂ 5 • ₹	17.4	17.7	17.9	18.1	18.2	18.2 18.4		18.2 18.4	18.2	18.2 19.4	18.2	19.2 18.4	18.2 18.4		18.2
≥ 8000 ≥ 7000	7.3	19.4	21.7	2 .9	21.5	21.5	21.5	• •	20.3 21.5	25.3 21.5			2° • 3 21 • 5			
≥ 6000 ≥ 5000	^ • 5	72.1	21.2	21.5	21.7	21.8 23.6	21.5		21.P 23.C	21.8 23.0	21.8 23.0	21.8 23.0	21.8 23.0		21.8	21.8 23.0
≥ 4500 ± 4000	1.	22.7 32.1	24.1 37.1	74.4 73.8	24 • £	74.8	24 • P		24.8	24.6 34.7	24.8	24.8 34.8	24 • 8 34 • 9	24 • 8 34 • 8		
2 3500 2 3000	14.7	30.5 45.8	41.3 47.8	41.7	42.7 50.0	42.8 50.3	43.°	#3.2 50.7	43.2 50.7	43.3	43.4 51.7	43.4	43.4 51.1	43.4 51.2	43.4 51.2	43.5 51.2
2 2500 2 2000	10.7	51.8		58 • 3 67 • 7	57.1 7.4	0.2	60.5 71.4		60.9 72.0		61.4 72.9	61.4	61.6 73.1	61.7 73.2	61.7 73.3	
- 1800 - 1500	10.7	52.4	56.5 69.5	68.3 71.6	71.1 75.0	71.5) 1	72.9 77.3	امــــــا	73.8 78.6	73.8 78.6	74 • 0 79 • 0			
≥ 1200 ≥ 1000	17.4	67.	71.5	73 • 8 74 • 8	77.6	78 • D 79 • 5		[80.7 83.0	81.7 84.2	82.5 85.3	82.5 85.3	82.9 86.0			
≥ 900 ≥ 800	19.5	67.2	7?•5 73•1	75 • 1 75 • 7	79.4	79.9 £1.2			83.7 85.4	85.0 96.8	86.C 88.1	86.1 88.3	86.9 89.2		87.5	87.6
≥ 700 ≥ 600	10.5	67.6 67.7	73.7 73.4	75.9 76.3		31.6	84.1		86.4 87.5		89.4 90.8	89.6 91.0	97.8 92.3		1	
± 500 ≥ 400	19.5	67.8 67.8	77.5	76.6 76.8		3.0 83.5		, ,	89.1 90.1		92.7 94.2	93.0 94.5	94.6	95.4	1	
2 300 2 200	19.5	67.8 67.8	1 1	76 • 8 76 • 8	82.8 82.8	93.5 83.5		1 1	90.2 90.3	92.5 92.6	94.4 94.5	94.9 95.0		97.9	98.7 98.9	99.3
≥ 10 6 ≥ 0	12.5	67.8 67.8	73.7 73.7	76 • 8 76 • 8	82.8 82.8	83.5 83.5		99.4 89.4	91.3 90.3	92.6 92.6	94.5 94.5		1	98.2 98.2		99.9

LISAF ETAC PULSE 0-14-5 (OL A) MEVIOUS SOTTIONS OF THIS FORM ARE ORDOUT

GLOPAL CLIMATOLOGY POANCH UTAFETAC ATH MEATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

7 -14 <u>CHEMYA AES AF</u>

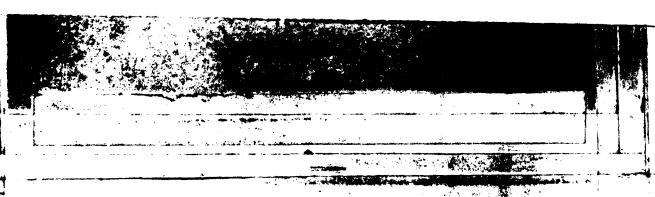
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET		,					VIS	SIBILITY ST	ATUTE MI	ıES-						
·	≥10	≥ 6	≥ 5	≥4	≥ 3	≥2;	≥ ?	≥1';	≥1'2	≥1	≥ %	≶,•	≥ ,	≥5 16	≥ .	≥0
NO CEIUNG ≥ 20000	₹. 4 ₹. • ₹	71.5	21.7 27.7	21.9 22.4	22.5	^2•? 72•6	22.3	22.7	22.3	22.3	22.1	22.4	22.4	22.4		
≥ 18000 ≥ 16000	3 • 3	22•5 22•5	22.8 27.8	23.0 23.0	23.2	73.2 23.2	23.3	77.3	23.7	23.3	23.4	23.4	23.4	23.4	23.4	73.4
≥ 14000 ≥ 12000	7 • 7 3 • 7	27.6 27.	27.0	23.1	23.7	^3 • 3 23 • 8	23.4	27.4	23.4	23.4	23.5	23.5		23.5	23.5	
≥ 1000C ≥ 9000	3.7	23.2	23.4	23.7 23.δ	23.0	23.9	24.1	24.5	24.	24.0	24.0	24.1	24.0 24.1	24.1	24.1	~ ,
2 8000 2 7000	7.7	24.2	24.5	24.8	25.1	25 • I	25.7	25.2	25.2	24.1	25.3	24.2 25.3	24.2 25.3	24.2 25.3	24.2 25.3	24.2 25.3
≥ 6000 ≥ 5000	; , <u>,</u>	26.5	21.0	27.3	27.5	27.5 29.7	27.1	27.3	27.6	27.3	27.4	27.4	27.4 27.7	27.4 27.7	27.4	27.4 27.7
2 4500 2 4000	4.3	2 • 5	37.3	3 · 5	3 . • ^	3,.9	31.1	31.1	31.1	31.1	31.2	27.9 31.2	29.9 31.7	29.9 31.2	29.9 31.2	29.9 31.2
2 3500 2 3000	. 4	43.7	4~ 1 5 • 5	46.0	47.7	38 · 6	38 · R	47.7	38 · 8 47 · 7	35.8 47.7	38.9 47.8	33.9 47.8	38.9 47.8	38.9 47.8	38.9 47.8	78.9 47.8
2 2500 2000		54.3	59.	67.5	53.c	53.1	54.5	54.6	54.7	54.8 64.6	54.5	54.9 64.7	54.9	55.1 64.8	55.1	55.1
= 1800 ≥ 1500		62.4	67.6	70.3	73.1	74.0	74 . 7	75.5	75.2 75.6	75.5 75.9	75.7 76.1	75.8 76.2	75.8 76.2	75.9 76.3	76.5	76.5
≥ 1200 ≥ 1000	7.4	56.9 58.1	73.0	77.6	8 3 - 7	79.6 2.7	84.5	95.2	85.5	86.3	86.7	86.8	82.9	86.9	87.1	83.1
> 900 ≥ 800	- 6	68.3	75.6	79.8	84.4	35.2	87.1	87.3 37.8	88.3	88.7	89.0	89.7	89.2	89.9		90.1 90.6
≥ 700 ≥ 600	- 6	58.5	75.7	30.6	85.5 86.0	<u>6.2</u> 96.8	89.7	89.2	90.3	91.6	91.3	91.4	91.6		92.6	92.6
2 500 2 400	5.1	68.6	75.5	81.3	87.3	- 1	91.7		93.1	92.5	95.4	93.5	94.7	95.2	95.5 97.8	95.7 98.1
2 300 2 200	5.1	68.7		81.3	87.3 87.3		91.2		93.5		96.5	26.7	97.1	98.7	99.3	99.2
2 100	5.7	68.7	75.5	8:.3	87.3		91.2	22.9	94.1	75.6	97.		97.7	99.4	99.71	20.0
<u> </u>	5.7	66.7	76.5	81.3	87.3	38.1	91.2	,		1	97.0				99.71 99.71	

TOTAL NUMBER OF OBSERVATION

930

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISCOLET



GL CAL CLIPS TOLOGY CHANCE OF SETING ATOM (ATHER SET VIC. MAC

CEILING VERSUS VISIBILITY

1.14 SHEWA AFR AR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

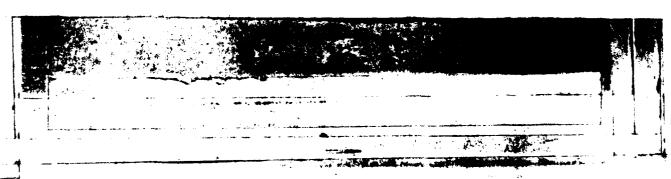
300-050c

CERNO							VIS	IBILITY ST.	ATUTE MIL	E S					·	
FEE: :	≥ 10	≥6	≥ 5	24	≥ 3	≥2;	≥ 2	≥1";	≥1.	≥1	≥ :•	≥ '•	≥ ,	≥ 5 16	≥ .	≥0
NO FEIUNG ≥ 20000	₹.,	21.1	27.5	12.3 22.7	22.0	72.5	22.0	7.0	27.0	22.9	22.9 23.3	22.9	22.9 23.3	22.9	22.9	23.3
≥ +8000 ≥ +6000	3.7	?î.•6 Îî.•6	27.0	23.2	23.7 23.7	73.4 73.4	23.9	23.9 23.0	23.0	23.9	23.9 23.9	23.9	23.9	23.9	23.9	23.9
≥ 14000 ≥ 12006	₹. *	72.7 21.2	27.1	23.3 23.9	23.4	23.5 24.1	24 • 7 24 •	24.0 24.6	24 • f 24 • 6	24.0 24.6	24.5 24.6	24.0	24.0 24.6	24.î 24.6	24.0 24.6	24.3 24.6
≥ 19000 ≥ 9000	7.	23.0 23.0	24.2	24.4	24.F	74.6 74.6	25 • ? 25 • ?	25.2	25.2 25.2	25 • 2 25 • 2	25.2 25.2	25.2	25 • 2 25 • 2	25 · 2 25 · 2	25.2 25.2	25.2
≥ 9000 2 7000		24.7	25.2	25.4	25.5 27.2	25.6	26 . 1 27 . s	26.1	25.1 27.8	26.1 27.8	26.1 27.8	26.1	26.1 27.8	26.1 27.8	26.1	26.1 27.8
2 6000 2 5000	: • · · · · · · · · · · · · · · · · · ·	? • ∂	27. 20.7	27.2 25.9	27.3	27.4	33.6 33.0	3 ° E	25.0 29.8	78.C 79.8	2P.5	29.8	28 • B	28 · C 29 · 8	28.7	28.n
2 4500 2 4000	7 • 1 5 • 2	70.3 30.4	30.5 40.3	3 • ₽ 4 □ • E	31.0	"i.1	31.0 42.3	71.6 47.3	31.0 42.7	31.9 42.3	31.9 42.3	31.9	31.9	31.0	31.9	31.9
2 7500 2 1000	. 3	45.5	47.1 52.8	47.6 53.5	42.7 55.6	48.9	49.9 57.3	57.5	50.0 57.6	50.2 58.0	5' • 2 5P • 1		5 1 • 2	50.2 58.1	57.2	
≥ 2500 > 2000	5 • 5	56.9 51.3	61.3 68.5	62.4 7.5	65.1 74.	74.5	66 • 7 76 • 3	67.2 76.7	67.3	67.8 77.4	69.7 77.5	68.0		68.0	68.0	68.0
2 1800 2 1500	5 • ₹ ∴ ∘	62.8 61.7	69.4 73.0	71.5 75.5	75 • 1 79 • 4	75.6	77.4	77.8 82.6	78. 82.7	78.6 83.4	78.7 83.9	78.8	79.8 84.1	78.8	78.8	78.8
± 1206 ± 1000	5.0	66.6 68.3	74.3 75.6	76 .8 75 .2	81.7	°1.7	84.1	55.2 50.8	85.3 88.9	86.1 90.0	86.7	86.9	87.0		67.2 91.5	87.2
.º 900 ≥ 800	5 . 7	68.4 68.7	76.7 77.0	79.6 80.5	85.1	96.9	88.1	27.4 9^.6	89.E	9 .9	91.5	91.7	92.2 93.8	92.5	94.4	92.6
≥ 700 ≥ 600	5 • 3 5 • 9	58.8 68.9	77.2 77.3	20∙8 8±•U	86.5 36.7	°7.3	89.8 90.3	91.1	91.2 91.7	92.8 93.3	93.8	94.1	94.5 95.1	95.1 95.6	95.2 95.7	
± 500 ≥ 400	5.7	59.4 69.4	77.8 77.8	81.7 81.7	87.5 87.5	98.4 98.4	92.7	93.5	93.6	95.6 96.2	96.7 97.3	97.1 97.7	97.7 98.4	98.5	98.7	98.8
≥ 300 ≥ 200	5.0	69.4 60.4	77.8 77.8	81.7 81.7	87.5	98.4 98.4	1	93.9	94.6	96.3 96.7	57.4 97.7	97.8	98.5	99.4	99.6	99.7
> 100 - 0	5.9 5.3	55.4 50.4	77.8 77.8	81.7 81.7	87.5 87.5	38.4 28.4		23.9 23.9	94.7 94.7	96.7	97.7 97.7	98.2 98.2	98.8	99.7	99.9	10.7

TOTAL NUMBER OF OBSERVATIONS...

930

USAF ETAC 101 4 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCUE



GLOFAL CLINATOLOGY RVANCH CHAFETAC AI: *FATHE: SENVICEMAC

CEILING VERSUS VISIBILITY

STATION CHESTA AFS AR

4-8"

<u>-cag-gasc</u>

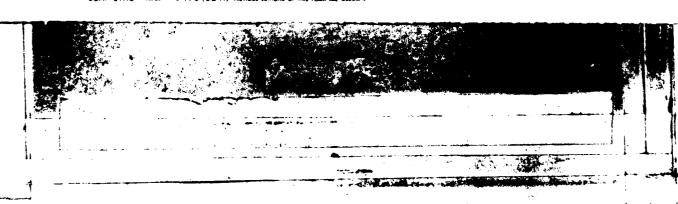
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING				_			VI5	BILITY ST	ATUTE MIL	E S	-					
FEET	≥10	≥6	≥ 5	≥4	23	≥2;	≥ 2	≥17;	≥1".	≥1	≥ ¼	≥ '₁	≥ 7	≥ 5 16	≥ •	≥0
NO CEUNG !	4.	21.5 72.2	27.	^?•7 23•	22.5	72.8	23	23.4	23 • 1 23 • 4	23•1 23•4	27.1	23•1 23•4	27.1	23.1		23.1
≥ 18000 ≥ 16000	4.	22.3	27.0	23.1 23.1	23.2	23.2 23.2	23.4 23.4	27.5	27.5 23.5	23.5 23.5	23.5 23.5	23.5	23.5 23.5	23.5 23.5	27.5 23.5	23.5
≥ 14000 ≥ 12000	4	7. • 3	2 ? • ?	23.1	27.7	73.2 73.4	23.4	77.5 27.8	23.5 23.8	23.5 23.8	23.5 23.5	23.5 23.8	23.5 23.8	23.5 23.6	2*.5 23.8	23.5
≥ 10000	4.7	73•7 32•7	2×.5	73.8 23.8	23.0 25.0	23.9 23.9	24 • 1 24 • 1	24.2	24.2	74 • 2 24 • 2	24.2	24.2 24.2	24.2	24 • 2 24 • 2	24.2 24.2	24.2 24.2
2 8000 2 7000	4 • 4	27.0 25.0	27.7 26.1	74 • 1 76 • 6	24.7	24.3 26.8	24.5	27.1	24.6	24.6 27.1	24.€ 27.1	24.6 27.1	24.6 27.1	24.6 27.1	24.6 27.1	74.6 27.1
≥ 6000 ≥ 5000 		25.5 27.8	70.9	76.8 20.5	27.5 27.7	7.U	20.9	27.3 % .0	27.7 30.0	27.3 30.0	27.3 30.0	27.3 35.0	27.3 30.0	27.3 30.8	27.3 30.0	27.3 20.5
2 4500 2 4000	7 • 5 • • 1	?∴.9 3£.2	31.1 30.7	31.6 40.3	31.E	31.8 40.9	32. 41.5	10.2 41.5	37.7 41.5	32.2 41.5	32.2 41.5	32 41.5	32.2 41.5	72.2 41.5	32.2 41.5	32.2 41.5
≥ 1500 ≥ 3000 ⊢ — — —		4 · · · · · · · · · · · · · · · · · · ·	47.1 57.7	47.8 54.5	49.4 56.0	10.4 56.9	57.7	57.4 53.1	50.4 53.1	50.4 58.4	50.5 58.5	5 •5 53•5	5 •5 58•5	50.5 58.5	5 . 5 58 . 5	
2 2500 2000		59.6 54.6	63.7 60.1	65.3 71.	75.6	.8 • 4 75 • 8	59 • ¼ 77 • 1	77.4	69.7 77.5	70.C 78.1	70.1 78.3	70.1 78.3	70.1 73.3	70 • 1 78 • 4	70.1 78.4	70 • 1. 78 • 4
2 15/00	- 4	55.4 66.3	72.5	71.7 74.3	76.3 80.6	76.6	73.1 32.6	78.4 93.0	73.5 83.1	79. 34.1	79.2 84.3	79.2 84.3	79 • 2 84 • 4	79.4 84.5	79.4 34.6	79.4 84.5
2 700 1 2 1000	- 4	67.2 68.3	73.9	76.5 77.8	87.4	2.6 4.9	84.6	75.3 78.1	85.4 38.0	96.5 89.6	85.7 89.9	86.7 89.9	87.1 90.3	87.3 90.5		87.5 91.8
≥ 900 ≥ 800 > 700	7.4	68 • 3 5 · • 9	75.3	78.9	84.9	P5.2	88.7	97.0	89 • t	91.4	97.9	9:9	91.3 92.8	93.	91.7 93.3	23.4
≥ 600		50∙6 <u>50•9</u>	76.5	79.4	86.8	97.1 87.3	90.2	91.5	91.6	93.3	93.3	93.7	94.6	94.8 95.5	95.3	95.5
≥ 500 ≥ 400 ≥ 300	7.4	69.2 69.2	77.7 77.3	8 .4	88.3 89.3	28.6 98.6	92.2 92.2		94.2	95.7	96.5 96.8	96.9	98.3	98.2 98.5	98.7	93.9
200	7.4	69.2 69.2	77.3	80.4	88.3	38.6	92.5 92.5				97.2 97.3	97.6 97.7	98.7	98.9	99.7	
1 30	7 . 4	59.2	77.3	8 . 4	88.3	8.6	92.5	93.8 33.3	94.7 94.7	96.6	97.3	97.7 97.7	98.9 98.9	99.1 99.1	99.7	

TAL MINARD OF ORCEDVATIONS

937

USAF ETAC STA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



CL ALACT TANALA RANGE ULESTAA AT AAT SOUVIOLANDE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-1100

· F :	V .,							V15	BILITY ST	ATUTE MIL	ES						
* *	Ε	≥10	≥ 6	25	≥ 4	≥ 3	≥2 ₂	≥ ?	≥172	21.	≥1	2 4	≥ .	≥ ;	≥ 5 16	≥ .	≥0
• • •	Erunya Orkik		1.5	1 .	10.3	10.7 19.8		10.3	18.3 18.3		13 19.8	18.7 19.8			18.3	19.8 19.8	
-	BONNS BONNS BONN	15.	. f	2:-	71.0	21.	1.1		21.1	21.1	21.1		21.1	21.1		21.1	21.1
	400U .Uno	•	7 (6	21.7	21.8		71.8 72.5	21.0			21.9		21.9		21.9		1
	XXXC YVXX	• 1	25.2		23.5	23.7	23.5 23.7	27.7	23.8		23.8	23.3	23.8			23.7 23.8	
	9.дх 29.6 ——	. • ?	75 • P		20.0	29.7	25•8 19.2		ુ ા . ધ	29.4	25.9 29.4		25.9 29.4	29.4	29.4	25.9 29.4	
	66 KR; 50000	•	7 • 1		31.º	31.7	11.2		71.4	31.4	31.4		31.4	31.4	31.4		31.4
	45(# 4,8,8, —	. ۱۰ <u>د</u>		3 . 1	38.∙5	37.1	79 • 1		39.€			39.6	39.6	39.6	39.6		39.6
	1900 1900 	• 11	s: • 4	47.0 54.0	55.8	48.8 57.7	7 . r	57.1	7.5	57.5	57.5	49.6 57.8	53.0	56.1	58.1	58.2	58.2
	2506 2008 			د - ع	66.9	63.5 69.5		7 . 7	7:.9	71.2	71.5	65.4 71.0	72.2	72.3	72.4		72.5
	800 	3. 3.	(3.4	6 ° • °		74.5			77.4	78.1	71.8	79.		79.8	72.9 85.2	87.3	80.3
·	200 1900: ———	31.	55.9 67.8	71.	73.2	70.7	1	8 .6		37.7	81.4 84.7 85.1	26.1	86.7		88.7	83.8 88.1 88.9	88.1
·	90). 800 700	4 • 1 3 4 •	(• ?) 4 • 5	77.4	73.0	79.8	79.9	82.4	24.9		86.9	88.6		9~.3	91.3		91.7
<u>;</u> :	600 506	34.0	5 è			81.7	31.8	34.4	87.4 20.8	88.6	89.9	91.7	92.4	93.8	94.7	95.3	95.4
<u>;</u>	400 160	34.2	6°•	74.7		83.1	23 • 2	85.7	19.9	91.4	92.7	95 · 1	95.8	97.2	98.3	98.3	99.2
· <u>:</u> -	200 30	34.0	5 1.0 °	74.	75.9	83.n		85.0	39.9	91.4	92.8	95.2	96.0	97.6	98.7	99.6	1 '0.1
	9	34	50.	74.	75.9	87."	83.2		29.9								

TOTAL NUMBER OF OBSERVATIONS....

977

USAF ETAC 100 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLE

SE MAL RESMATREALY DIANCH COORDING ADD WRATH W SERVICOVINAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17 0-1400

čEqi N G							VIS	BILITY STA	ATUTE MILI	ES						
+461	≥10	≥ 6	≥ 5	≥4	23	≥2.	≥ ?	≥11/	≥1.4	≥1	≥ 4	≥ %	≥%	≥ 5 16	≥ .	≥0
NO / ERING 2 20000	.4.	10.7	19.7	18.7 23.4	19.7 27.4	18.7	12.7	77.4	15. 23.4	18.7 23.4	18.7	18.7 23.4	18.7 23.4		18.7 23.4	
≥ 18000 ≥ 16000	, ,	70.1	24.8 25.1	24.7 25.2	24.7 25.7	24.7 25.2	24.7	24.8 25.3	24.9	24 • 8 25 • 3	24.8					24 • 8 25 • 3
≥ 14000 ≥ 12000	. 3	7 (• 7	26.1 25.7	26.8	26.8	76•2 ∏6•8	26.7	26.3 26.9	1	26.3 26.9	ļ		26.3 46.9		1	26.3 26.9
≥ 10000 ≥ 9000	1	2:.8	27.8 24.1	29.2	28.1 23.2	18.2	23 • 7 23 • 7	78.1 76.3	28.1 28.3	20 • 1 28 • 3	29.1 28.3	23.1	28.1 28.3			28.1 28.3
≥ 8000 ≥ 7000	?• •1	3	30.1 37.1		30°7 34°∩	70.7 54.0		70.4 74.1	3 - 4 3 4 1	3. •4 34 •1	31.4 34.1	30.4 34.1	3°.4 34.1	30 • 4 34 • 1	30.4 34.1	30.4 34.1
≥ 6990 + 5000	•	33.9	37•° 34•7	34.2 35.1	34.^	74 • 2 75 • 1	34.7	74.3	34.3	34 • 3 35 • 2	34.7 35.2	34.3 35.2	34.3 35.3		34.3 35.3	34.3 35.3
+ 4500 - 4000	7.4.4	76.0 41.8	35.5° 41.2	₹6.5 42.7	36.0 42.7	76.9 22.7	35.9 42.7	37.1 47.	37.1 43.	37 • 1 43 • i	37.1 43.1	37.1	37.7 43.2		37.2 43.2	37.2 43.2
2 200	7.	5 : • 1 5 5 • 1	53.5 6 .5	61.5	54.7 6.4	54.7 52.4		55.3 53.3	55.3	55.4 63.4	55.4 63.7	55.4 63.7	55.5 63.8		55.5 63.8	55.5 63.8
2000 2000	7.1	54.3 6.6	71.1	67.2 72.2	5 • 5 /4 •	74.5	74.5	49.5 75.6	59 • 9 75 • 7	70 • 0 76 • 1	70.2 76.3	70.2 76.3	70.3 76.6		79.5 76.8	70 • 5 76 • 8
900 500	42 • 1 : : · • 4	51.0 71.2	71.4 75.2	76.5	74.5 72.1	74.6 79.4		76.5 32.6	76.6	77. 23.8	77.2 84.1	77.2 84.1	77.4 84.3	77.6 84.6	77.6 84.6	- 1
. 200 2 000	#2.4 <u>#2.</u> 7	73.4	76.0 75.5	78.2 8.0	81.1	°1.3		34.8	87.3	P6 • 1 88 • 6	86.6 80.4	86.6 89.4			87.1 90.2	
→ 900 ≥ 800	42.	74.9 75.4	77.6	,	83.5 84.7	73.8 74.9		87.6 39.6		89.1 91.7	69.9 92.6	89.9 92.6			90 • 8 93 • 5	
± 706 ₹ 600	42.3	75.3 76.2	ी•5 8 •9	81.9 82.5	85.8 86.5	96.7	88.9		92.8	93.4			96.5	96.	96.1 97.1	96.2 97.2
→ 500 ≥ 400	42.3	76.5 76.5		82.8 22.8	87.1 87.1	27.4 57.4	9.7		94.7			97.7	98.9	99.7	99.8	
± 300 ± 200	42.4	76.5 76.5	81.7	82.8 82.8	37.1 87.1	07.4 37.4	90.2	3.2	94.7	96.2		97.7	99.7	99.8	99.9	10.0
. 00	42.5	76.5 76.5	81. 81.	87 • 8 87 • 8	87.1 87.1	27.4	- 1	97.2			97.7 97.7	97.7 97.7		99•8 9 9•8		1 "0 • C 100 • D

TOTAL NUMBER OF OBSERVATIONS_

930

USAF ETAC 101 64 0-14-5 (OL.A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

BLOCAL CLIMATOLOGY OF ANCH by AFETAC AT REATHS - SERVICEZMAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

5 0-1700

· Eu No						_	VIS	IBILITY ST	ATUTE MIL	ES						
FFE:	≥10	≥ 6	≳ 5	≥ 4	≥3	≥2 ;	≥ ?	≥1";	≥11.	≥1	≥ ′4	≥ '•	≥ ,	≥ 5 16	≥.	≥0
NO EIUNG ≥ 20006	l Q	11.	10.1 21.0	21.9	1 3 · 1 21 · C	18.1 21.9		. 8 . 1 3 1 . 9	1° • 1 21 • 9	1 .1	18.1 21.9	13.1	18.1 21.9	18.1	19.1	
≥ ±8000 ≥ ≥000	5	74.5	24.3	24.2 24.3	24.2 24.3	24.2 24.3	24.7 24.3	24.2 ∠4.3	24.7 24.7	24.2 24.3	24.2 24.3	24.2 24.3	24.2 24.3	24.2 24.3		24.2
≥ 14000 ± 12000	• 3	74.5 75.3	25.5 25.6	25 • 6	25.2 25.6	75.2 75.6	25.2 75.6	75.6	25.8 25.6	25.2 25.6	25.2	25.2 25.6		25.2 25.6	25.2 25.6	
900C	1. [₹]		26.º	76 • 7 76 • 9	25.7 25.0	76.7 76.9		26•7 2ۥ9	26.7 26.9	26.7 26.9	_6.7 26.9	26.7 26.9	26.7 26.9	26.7 26.9	25.7 26.9	26.7 26.9
2 7916		₹7.9 73.8		73.3 74.2	34.7	70 • 3 74 • 3	33.3 34.7	71.3 74.3	3°•?	34.3	30.2 34.7	3 . 3	3°.3	36.3 34.3	37.3	
2 600K 5000	27. • 5 2	30.3		34 • 2 35 • 3[34.7 36.0	74 • 7 16 • 1	34 • 7 36 • 7	74.3 76.7	34.3	34.3 36.0	34.3 36.0	34.3 36.0	34.3 36.7	34.3 36.0	34.3 36.0	34 - 3
4500 4000	1.7	37.5 43.0	3 ° • 1	38.2 43.8	39.4 44.2	75.4 54.2		38.5 44.4	38.5 44.4	38.5 44.5	38.5 44.7	33.5 44.7	33.5 44.7	38.5	33.5 44.7	38.5
+ /500 +000	34 • 2 ? * • 3		- 1	53.1 6.1	53.º 61.3	53.9 (1.3	61.0	54.2 61.5	54.2 62.1	54.4 62.4	54.6 62.8	54.6 62.8	54.7 63.0	54.7 63.	54.7 63.0	
2500 2000	1 3 - 0	65.1	66.1 7.9	66.6 71.3	68.7 73.2	66 • 2 73 • 2	73.9	(9.4 74.6	69.5 75.1	69.9 75.6	70.4 76.5	70.4 76.5	70.9 77.0	71.0 77.1	71.0 77.1	71.5 77.1
1800 1500	4 i • 7	55.7 75.7	74.3	77.1	73.0 79.9	73.9 79.9	81.5	75.4	75.8 93.3	76.3 84.1	77.2 84.9	77.2 84.9	77.7 85.6	77.8 85.7	77.P	1
2 1000 ≥ 1000	1.5	74.3 75.1	79.2	79 · 1 3 · 4	82.7 83.8	^2•2 ∕3•8	85.9		85.7 88.7	86.6 88.8	87.4 90.0	87.4 90.1		88.2 91.1	38.2 91.3	
≥ 900 ≥ 800	1.5	75.5 75.6	70.7 77.9		84.2 84.4	4.4	86.5		38.5 89.9		9°.8 92.4	90.9 92.5	91.7 93.5	91.9 93.8	92.3 94.1	92.3 94.1
≥ 700 ≥ 600	"1.5 "1.5	75.6 75.6	8 • ? 8 • ?	81.4 81.4	34.°	84.9 5.1	87.n 87.3			91.7 92.8	93.2 94.5	93.3 94.6	95.9	94.9 96.5	95.5 97.1	95.5 97.7
± 500 ± 400	51.5 51.5	75•7 75•8	8 .4	81.6 81.7	85.4 85.5	35.4 35.5	88.3		92.8 93.	94.3 94.5	96.1 96.6	96.5 96.9	98.2	98.3 98.7	99.0 99.6	99.1 99.8
2 300	1.5	75.8 75.8	€0.4	81.7	85.5	°5 • 5 °5 • 5	88.7	91.4	93. 93.0	94.6	96.7 96.7	97.1			99.7 99.8	L '0 • n
, JC	1.5	75.8 75.8	8 .4	81.7		,	- 1	91.4 91.4	- ,	94.6	96.7 96.7	- }	1	98.9 98.9		

OTAL NUMBER OF OBSERVATIONS

THE RESERVE THE PROPERTY OF THE PARTY OF THE

USAF ETAC TOTAL 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DISSOLETE

GURRAL CLIMITHLOGY RRANCH CONFUTAC AT REATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

SAMON STANK AFP AK

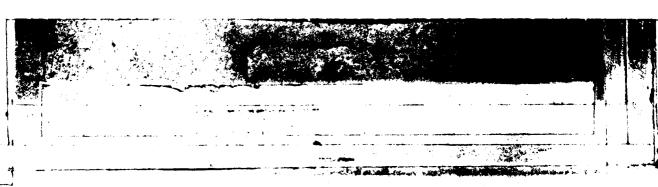
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 13, 3-5):an</u>

CELNG		·					VIS	IBILITY -STA	ATUTE MIL	ES.						
FEE"	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2,	≥ 2	≥17;	≥1.	≥1	≥ 4	≥ '•	≥ ;	≥ 5 16	≥ .	≥0
NO CEUNG 1 20000	11.	1 9	15.0	15.8 18.5	15.8 15.7	15.8 18.0	15.8	1 5	15.2	15.8 18.0	15.3 18.	15.8	15.8 15.0	15.8 15.0	15.8 18.0	
≥ 18000 ≥ 16000	14.7	35.2 35.5	20.5	20.5		70.2 20.5	20.5	20.5	21.7 25.5	22 25	20.5	2:.2	20.2 20.5	20.2 2 0.5	20.0 20.5	20.2 20.5
2 14000 2 12000	17.3	21•6 21•6	21.6	20.8 21.6	21.0	20.8	20.8	21.6	20.8 21.6	20.8 21.6	2°•8 21•6	21.6	2 `•8 21•6	21.6	27.8 21.6	21.6
≥ 9000 ≥ 10000		23.5 23.6	23.5	23.5 23.8	23.8	23.5 23.8	23.3	23.8	23.5	23.5	23.5	23.8	23.5	23.5 23.E	23.5 23.p	23.5 23.8
≥ 8000 ≥ 7000		75.7 20.1	25.8	75.8 20.2	23.7	25.8 28.3	25 • 8 28 • 3	25.8 28.3	25 • 3 28 • 3	25.8 28.3	25.8 28.3	25.8 28.3	25.8	25 • P	25.8 28.3	75 • 8 76 • 3
≥ 6000 ± 5000	21.5	27.2	25.4	?8.4 29.5		8.6 29.7	29.5	20.6 29.7	28.4 29.7	28 • 6 29 • 7	28.6 29.2	28.6 29.8	29.8	28.6 29.8	29.6	29.8
→ 4500 ± 4000 → 3500	23.0 27.2	37.0 41.0	37.2 46.9	31.2 37.6 47.4	37.8	37.8 47.8	31.4 37.8 48.2	37.8	31.4 37.8 48.2	31.4 37.8 48.2	31.5 38.7 48.4	31.5 38.4	3 • 5 38 • 3 48 • 5	31.5 38.0 48.5	31.5	
F = 2500	31.4 34.7		53.4		54.6	54.7 3.4	57.2	55.3 64.6	55.4 64.8		55.7 65.2	55.7 65.2	55.8		55.9	55.9
2000 800	37.6	65.2	69.7 67.1	69 . 4 70 . 4	7 .5	73.8		72.2	72.7 73.6	72.9	73.3	73.4		74 . 3 75 . 2	74.3 75.2	74.3
2 1500	36.7		74.7	76.3 73.4	77.9	78.3 ∂0.6	79.9 82.3		81.4		85.6	83.2 85.8	84.2	84.4		84.6
≥ 1000 > 900	36 • 0	72.9	77.4	79.7		2.7 °3.2	84.7	96.5	86.7	87.5 88.1		89.5	90.0	90.2		20.4
2 800	36.8	73.1	77.5	80.1		24.7	86.2	37.8 38.7	88.5 89.3		90.4 91.5	91.9		92.6	93.0	23.1
≥ 500	36 • 3 36 • 3	73.4	78.3 78.5	8 .8		85.4	88.1	39.7	90.4 91.7	91.8 92.8		93.3			96.7 97.8	c6.9
≥ 400	36 • 3	73.4	78.5 78.6	31.1 81.2	84.8	35.4 85.5	88.1 88.3	9 °• 1	91.7 91.3	92.9 93.2		94.7 95.0	96.4 96.8		98.5 98.9	
2 200	36.5 36.5	73.4	78.6 78.6		84.0	1			91.3	93.2	94.5	95.0 95.0		97.8		100.0
<u> </u>	36.8	73.4	78.6	81.2	84.9	5 • 5	88.3	9.63	91.3	93.2	94.5	95.0	96.9	97.8	99.2	100.0

OTAL MIMBER OF ORSERVATIONS

USAF ETAC 101 at 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETI



(170AL CLIMATOLOGY BRANCH USAFETAC ATA KEATHER SERVICE/MAC

11

CEILING VERSUS VISIBILITY

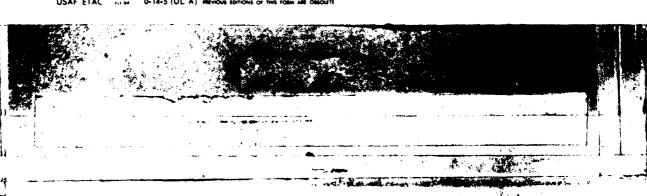
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 1 10-2300</u>

CHENG	!						VIS	IBILITY :ST	ATUTE MIL	ES						
f6E1	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	≥1':	≥1'2	≥1	≥ :₄	≥ '•	≥ '7	≥ 5 16	≥ .	≥0
NO / ETING ± 20000	• 1 5 • 3	18.6	19.4	18.6 19.4	18.6	18.6		19.4	19.6		18.6	18.6	18.6 19.4			18.6
≥ 18000 ≥ 16000	5 • 7 5 •	^ ^ 3 ^ 0 • 3	20.3		20.3	~ 3 ~ G • 3	1 1	25.3	2 . 3	26.3	2' • 3	20.3 27.3	27.3		20.3	20.3
≥ 14000 ≥ 12000	5.° 6.1	20.5	27.5		20.5 21.4	26.5	, .	29.5 21.4	20.5 21.4		27.5	2 .5	20.5	20.5	20.5	20.5 21.4
≥ 10000 ≥ 9000	4 • 7 6 • 7	22.4	27.5 22.6		22.5	22.5	1 - 1	22.5 22.6	22.5 22.5	22.5 22.6	22.5	22.5	22.5	22.5 22.6	22.5 22.6	22.5
≥ 8000 ≥ 7000	ं•6 7•9	77.3 76.6	23.5 26.8	23.7 26.9	23.7	23.7 76.9	23.7	23.7	27.7 26.9	23.7 26.9	23.7	23.7	23.7	23.7	23.7 26.9	23.7 26.9
≥ 6000 ≥ 5000	3 • °	27.	27.7 2°.7	27.3 28.3	27.3 25.3	78.3		27.3		27.3 28.3	27.3 28.3		27.3 28.3	27.3 28.3		27.3 28.3
≥ 4500 ± 4000	. 4	20 • 3 30 • 3		28.7 33.4	28.7 33.7	78.7 73.7	1 1		28.7 33.7	28•7 33•7	28.7 33.7	28.7 33.7	28 • 7 33 • 7	28.7 33.7		28.7 33.7
2 3500 2 3000	• 7 • 3	30.6 45.5		42.3 49.6	47.1 5.0	73.1 51.0	43.3 51.3	43.5 51.6	43.7 51.7	43.7 51.7	43.7 51.9	43.7 51.9	43.7 51.9	43.7 51.9	43.7 51.9	43.7 51.9
≥ 2500 ≥ 2000	11.6 12.2	53.4 51.6	65.7	58.4 68.6	7 .8	71.2	71.6	61.↑ 72.3	61.2 72.5	51.2 72.6	61.4 72.0	51.4 72.9	61.4 72.9	61.4 73.0		73.7
2 1800 2 1500	10.2	41.6 55.6	71.5	69.6 75.1	71.7 73.1	72.2 78.6			73.8 81.5	73.9 81.9	74.2 82.6	74.2 82.6	74 • 2 8? • 7	74.3 82.8		74.3 82.8
± 1200 ≥ 1000	12.7 12.7	56.6	74.2 76.	8r.1	81.6 84.5	72.2 75.1	83.5 86.6		85.3 88.5	85.8 89.2	86.6 90.4	86.6 93.6	86 • 7 90 • 8	86.8 91.1	96.8 91.2	36.3 91.2
≥ 900 ≥ 800	12.7 12.7	69.9	76.5 76.5			25.7 26.3		89.7			91.1 92.4	_	91.4	91.7 93.4		92.2
≥ 700 ≥ 600	17.7	69.9 7.0	76.5 76.8			36.3 97.0	89.4	°1-1	91.8		92.8 94.5	94.8		94.2 96.5		97.0
≥ 400	12.7	7 .2 7J.2	77.	81.5	85.7	97.2 27.2	89.6	91.9	92.8	94.3	95.6 96.5		96.8 98.1	97.7 99.0	99.4	99.7
2 300 2 200	12.7	70.2		81.5	86.7	37.2 27.2	80.6	91.9		94.0	96.6 96.6			99.2	99.7	99.9
2 9	12.7 12.7	7 .2	77.0	1	86.7	37.2			92.P		96.6 96.6			99.2 99.2	-	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC HILLS 0-14-5 (OL A) PREVIOUS SOTTIONS OF THIS FORM ARE OSSOUT



GLNBAL CLIMATOLOGY PRANCH USAFETAC AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

HOURS 151

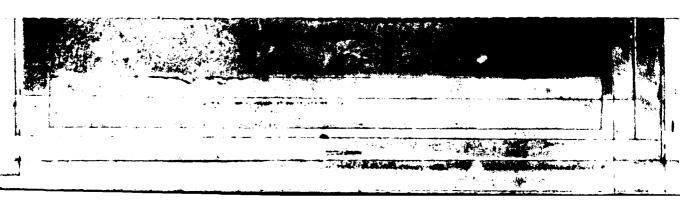
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CENING .							VI5	IBILITY ST	ATUTE MILI	ES						
: PEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 :	≥ 2	≥11;	≥1 .	≥1	≥ ч	≥ '*	≥ 7	≥ 5 16	≥ 4	≥0
NO CENING ≥ 20000	7.	19.2	2 . 2	10.5 21.3	1 .6	19.6	19.7	10.7 21.5	19.7	19.7	19.7 21.5	19.7	1	19.7	19.7 21.5	
≥ 18000 ≥ 18000	1 .3	72.1 22.2		22.5 22.6	22.5 22.6	22.5 22.7	22.7	72.7 72.8	22.7 22.5	22.7 22.8	22.7 22.8	22.7		22.7 22.8		
≥ 14000 ≥ 12000	1.2	72.7 75.2	22.9	23.0 23.6	27.1 23.6	3.1 23.6	27.2	23.2 23.8	23.2 23.9	23.2 23.8	23.2 23.8	23.2				23.2
≥ 10000 ≥ 9000	1.7	24.1 24.2		24.5 24.6	24.5	24.6 24.7		24.7 24.8	24.7 24.3		24.7 24.9	24.7	24.7 24.9	1	24.7	24 • 7 24 • 9
≥ 8000 ≥ 2900	13.7	75.9 2.5	26.1	26.3 29.1	25.3 29.2	76.4 79.3	26 • 5 29 • 4	1	26.5 29.4	26.5 29.4	26.5 29.4	26.5		26.5 29.4		
± 6000 → 5000	.4.2 14.7	3 • 7 3 • 2	3 . 7	2°•3	2°•5	79.5 71.1	31.2	31.3	29.5 31.3	31.3	29.6 31.7	29.6 31.3	20.6 31.3	31.3	31.3	79.6 31.3
2 4500 2 4900 2 =	17.0	3:.1	3 `• ?	32.6 39.4	32.7 39.8	32.7 79.8	32.0 4^.1	1:0.1	33.7 40.1	33.0	33.0 40.2	4 .2	45.2	40.2	40.2	40.2
2 7500 2 1000	2	46.2 52.5	51.7	49.3 55.1	47.2 55.6	49.2	57.2	5.7.5	49.9 57.6	49.9 57.7	57.9	5 .•0 57•9	58.	1	50.1 58.0	
± 2500 + 2000	23.2 23.3	5:•9 64•3	69.	63.1	72.6	(5 · 1 72 · 8		74.3	66.4 74.6	75 C	56.9 75.3		67.1 75.6		75.7	75.7
2 1500 2 1500	23.2		73.r				87.5	91.4		82.6	76.2 83.1		83.5	83.7	76.6 83.8	83.8
≥ 1200 ≥ 1000	23.3	7.6	76.2		P 7 . 7		85.6	:6.9	84.7 87.5	88.4	86. 89.2		89.9		97.4	90.5
≥ 800	23 .3 23 .3	7 .8	76.8	79.1 79.6	84.5		85.1 87.2	88.8	89.5	94.6	91.6	91.8	92.5	93.0		93.4
≥ 700 ≥ 600	23.3	71.2	77.4		85.5		88.5	07.5	91.2				95.1	95.8	96.2	
2 500 ≥ 400	23.4	71.5	77.8	8 .8	86.3		89.7	97.1	93.1	94.7		96.7	97.8		99.2	99.4
2 300 2 200	23.4	71.5	77.8	80.8	86.3		89.8	72.2		95.0		97.0	98.2	99.1		100.0
2 100 2 0	23.4 23.4		77.8 77.8		86.3 86.7			77.2					98.2			170.0

TOTAL NUMBER OF GESERVATIONS.....

7479

USAF ETAC 101 64 0-14-5 (OL A) MENIOUS SOTIONS OF THIS FORM ARE ORIGINAL



GLEAR CLIMATOLOGY CRANCH USAFFTAC AIR AFATHER STRVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CERNO							VI5	IBILITY ST	ATUTE MIL	ES						
*EET	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1';	≥1.4	≥1	≥ .	≥ `•	≥ ,	≥ 5 16	≥ .	≥0
NO CEILING	``• '	17.7		17.2 17.7		17.6 18.0	17.A	-7.6 -2.0	17.0 19.0	17.6	17.6 18.	- (17.6 15.0		17.6 18.0	17.6 18.7
≥ 18000 ≥ 16000	2 • ? 2 • 3	18.4	15.4 15.4	18.4	10.5	18.8 13.8		18.8		19.3 18.8	18.9		18.8 18.8		18.8 18.8	18.8 23.8
≥ 14000 ≥ 12000	3.	13.5 18.8	18.0	18.8	19.1	19.9	19.9	10.9	18.0	18.9 17.1	18.9	1 < . 1	18.9	18.9	19.1	18.9
≥ 9000	2.7	19.7	19.7		2	19.6		27.9		19.6	19.6 20.0	19.6 20.0	19.6 27.0	20.0	20.0	19.6 20.0
2 8000 2 7000		23.9	22.4	22.6	23.0	22.9	27.09		22.5	21.3	21.3		21.3	22.9	22.9	22.9
÷ 6000 ÷ 5000	?• ′ ?• ¹	24.1	24.6	24.8	25.1		27.0	25.4	25.1		25.5	25.1		25.1	25.1	22.9 25.1
4500	2.	32.7 42.2	37.1		34.2	27.6	34.4	34.4	27.5 34.4	34.4	34.4		27.6 34.4	34.4	34.4	34.4
2 2500 2 1000	1.1	44.0	41.0 46.8 53.3	47.6	49.9	42.6 48.8	42.9 49.7 55.6		42.8 49.3		49.6		49.6	42.8	47.6	42.8
2500 2000 800	4.	52.6	6 • 4	52.2	64.7	54.7	65.3	55.7	65.7	65.7	65.7	65.9	57.1 66.7	66.1	1 . 11	57.1 66.1 67.8
3 1500 	- 3	63.2 65.7	66.4	60.2	72.7		73.4	74.0	74.1	74.6	74.8	•	74.9	75.	75.0	75.0
1000 900	5	66.8	71.2	74.9	79.7	79.4	8 . 7		82.8		84.0	34.1	84.3	84.4	84.4	84.4
706	5.7	67.7			81.2			85.1		86.2	86.7	86.8		87.1	87.1	1
500 S	5.	68.7 68.7			84.2	44.8	86.8		89.7	90.8	1	92.0		92.3	92.3	1
÷ 400 ÷ 300	5 • ? 5 • :	58.7	74.7	78.8 78.8		86.8				94.9	96.1			97.3	97.7	
20c →	5.7 5.7	68.7 68.7	74.3 74.3	7° .8			97.4			96.0 96.1						99.7
	5.7	68.7	74.3	78.8	85.9	86.8	9) . 4	^3.7	94.6	96.1	97.3	98.0	98.7	99.1	99.7	100.0

TAL NUMBER OF OBSERVATIONS 970

USAF ETAC HILLAR 0-14-5 (QL. A) MENOUS EDITIONS OF THIS FORM ARE DISCOUR



CLAMAL CLIMATOLOGY PRANCH UNMET C #1 STATE - SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-050C

/ EBNG							VIS	ABILITY STA	ATUTE MIL	ES						
1 4461	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥1:	≥1.	21	≥ %	≥ '•	≥ 7	≥5 16	≥ .	≥0
NO CEIUNG ≥ 20000	1.1	1 3 . 1	17.2	17.8 13.1	: > . c 15.2	12.9	17.7	11.9	12.0	12. 13.2	12.9	12.9	12.9		12.9	12.°
≥ 18000 ≥ 16000	1.	34.0 14.0	14.	14.0 14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	10.1	14.1	14.1 14.1	14.1
≥ 14000 ≥ 12000	1.5	14.7	14.3	14.0	14.1	14.1	14.1	14.4	14.1	14-1	14.1	14.1	14.1	14.1	14.1	14.1
≥ 10000 ≥ 9000	1.7	1:.1	15.7 16.3	15 • 3 16 • 1	15.6 15.7	15.4 16.2	15.4 16.2	15.4	15.4 16.2	15.4 16.2	15.4 16.2	15.4 16.2	15.4 16.2	15.4 16.2	15.4	15.4 16.2
≥ 8000 ≥ 7000	1.4	7.1	17.1	17.1	17.0 13.6	17.2 18.6	17.2	17.2	17.1 18.0	17.2	17.2 18.6	17.2 18.6	17.2 18.6	17.2 18.6	17.2 18.6	17.2
≥ 6000 ± 5000	1.	1°•4	10.6 20.0	18.6 27.8	19.7	18.7 21.	13.7	12.7	18.7 21.5	18.7 21.5	18.7	13.7	18.7 21.0		18.7	18.7
* 4500 * 4000	1 • 1 3 • 1	22.0 71.4	27.2 37.2	23.2 72.3		23.4 32.7	27.4 32.7	23.4 32.7	23.4	23.4 32.7	23.4 32.7	23.4	23.4 32.7			23.4
2500 : 2 Hi00	7.1 7.2		6.2.4	41.4	42.1 49.8	42 • 1 49 • 8	4? • 1 50 • 0		42.1 50.2	42.1 50.2	42.1 50.2	42.1 50.2	42.1 50.2	42.1 51.2]	42.1 50.2
• 2500 • 7006	2	52.4 56.6		55•2 6•9		3•2 2•6	57. 63.3	57.3 64.1	57.7 64.1	57.3 64.3		57.3 64.4	57.3 64.4	57.3		57.3 64.4
90C 53C	3.3		60.6 65.5	62.0 67.9		63.7 71.2	72.4	0 . • 6	65.2 73.1	65.4 73.6	65.6 73.9	,	65.6 73.9			
2 1000	3.4 9.3	53.6 55.7	6°•	7 .7 73.0		74.4	75.7 79.0	76.4 85.2	76.6 80.6	77.6 £1.4	77.7 52.1	77.7 82.1	77.7 82.2		77.7 82.2	77.7 82.2
> 900 2 800	· · · 2	60.7	7 .P	74.3	70.r	77.7 79.6	79.4 81.0	33.2	81.1 83.6		85.2	82.8 85.2	8? .9 85 .3	85.4	85.6	85.6
2 700 2 600	4.3	67.7	73.1 74.2	75.8 77.0	8:08	82.4 94.4	84 • 9 87 • 2	82.1	89.7	88." 91.0	58.8' 91.5	91.9		92.3	89.7 92.4	92.4
≥ 500 ≥ 400	4.3		74.3	77.6	85.6	96 • 2 26 • 7	91.8		92.9	95.4	96.7		95.8 97.1			
≥ 300 ≥ 200	4 . 3	6.4	74.3	77.7	85.6	87.5 37.0	91.9 91.9			96.9 96.9			98.7 98.7	99	99.4	09.4
2 100	4.3	61.4	74.3 74.3	77.7 7.77		67.0 57.0	91.7	94.1	95.1 95.1	96.9 96.9	98.2 98.2		98.7 98.7		99.4 99.7	

OTAL NUMBER OF OBSERVATIONS 905

USAF ETAC JULIA 0-14-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE ORGOLET

GI BAL TETMATOLOGY FLANCH U AFETAC ATT ATATHS STRVICT/MAC

CEILING VERSUS VISIBILITY

SHEMMA AFR AK

*4 - A **

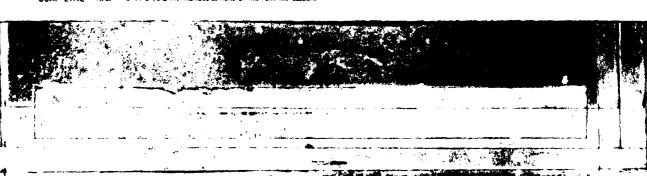
APP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CERING							VIS	IBILITY ST	ATUTE MIL	ES						
· fEE*	≥10	≥ 6	≥ 5	24	≥ 3	227	≥ 2	≥05	≥1.	≥1	≥ 4	≥ "	≥ 5	≥ 5 16	≥ .	≥0
NO CEILING 20000	•		0	9 • 3 9 • 7	9.4 9.8	9.8	0 t	9.8	0 ° 1	9.4 9.5	9.2	9.4 9.8	9 • 4 9 • 8	9 • 4 9 • 8	9 • 4 9 • 8	9.4 9.8
≥ 18000 ≥ 16/HX	•	10.3	10.3	10.3		10.0	1 4	10.4	10.4	10.4 10.4	10.4 10.4	1 :-4	10.4	10.4 10.4	-	
≥ 140 0 0 ± 12000		. 4		17.4		10.6	10.6	15.6 10.6	10.6	10.6 10.6	1".6 10.6	10.6 10.6	17.6 10.6	10.6 10.6		15.6 15.6
± 10000 ≥ 9000.	• 1	11.5	17.7	1 . 7	11.8	10.8	1 .8	1.1	1 . A	15.8 11.1	10.%	10.8	19.8 11.1	10.8 11.1	-	10.8
2 8000 2 7000	₹.	12.4	17.4	17.4 14.0	17.6	12.6	12.6	. 2. E	12.5 14.1	12.6 14.1	12.6 14.1	12.6	12.5 14.1	12.6 14.1	12.6 14.1	12.6 14.1
≥ 6000 ≥ 5000	4 • °	15.2	14.	14.4	14.1	14.1	14.1 15.7	14.1	14 • 1 16 • 7	14 • 1 16 • 7	14.1 16.7	14.1 16.7	14.1 16.7	14.1	1	14.1 16.7
≥ 4500 - 4∪0k:	5 • \$ • 3	4	30.0	30.1	30.7	30.7	2 - 1	7 • 1 30•7		2 - 1 3:1 - 7	27.1 30.7	2 1.1		20.1 30.7	30.7	20 • 1 30 • 7
1500 ± 1006	11.5	34.9	3 • °	39.2 46.6	47.0	40.1	40.1	48.1	40. 48.1	48.1	47.1 48.1	43.1	47.1 49.1	40.1 48.1	47.1	40.1
2500	12. 13.	51.2 55.0	57.1 61.0	53.0 62.0	55.E	55.9 64.7	56.4 65.6				56.4 65.9	56.4 65.9	56.4 65.9	56.4 65.9		65.9
1500	.4	61.7	6 7		65 • 1 71 • 7	71.4					73.4	73.4		66.4 73.7		73.7
2 1200 2 1000	.5.	54.9 66.4	71.1	71.3	77.1		78.4 81.9				79.3 83.7		83.9		84.C	84.0
> 90% > 80%	15.7	56.6 56.8	71.9	74.5		31.2	82.3 83.3	84.4		85.4	85.7		85.9	84.8	86.1	86.2
≥ 700 ≥ 600	15.7 15.7	67.0 57.4	73.	76.3	83.0		84 - 8	87.9		89.6	89.0		88.3 90.6	90.7	97.9	
≥ 500	15.7	67.8 57.9	73.8	76.9 77.1 77.1	85.4		89.7	92.6	93.8	95.2	93.8 96.	94.0	96.8	94.8	97.6	97.7
2 200 2 200	15.7 15.7	67.9 67.9	73.9	77.1 77.1	85.4 85.4	36 • 6 96 • 6	90.6	93.7	94.9	96.4	97.6 97.6		98.4		99.3	99.4
> 100 2 0	15.	67.9					91.5	73.7 73.7		96.4	97.6 97.6		98 • 4 98 • 4		1 .	

AL MIMARO OF ORGENVATIONS

USAF ETAC "ILLA" 0-14-5 (O.L. A.) PREVIOUS EDITIONS OF THIS FORM ARE CREDIET



CLOWNE CETMATHERSY DIANCH COMPETIC ATT STATES SERVICEMAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>220-1100</u>

CEILING							VIS	IBILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥4	23	≥2:	≥ ?	≥1;	≥11.	≥1	≥ .	≥ '⁄•	≥ ,	≥ 5 16	≥.	≥0
NO CEILING 20000	. 44 2. 4	11.7	1 .	! 1 . 1 . J	1	'2.1 12.6	13.1 12.6	1 - 1	12.1 12.6	12.1	12.1	12.1	12.1	12.1	12.1	12.2
≥ 18000 ≥ 16000		1	1 .	13.6	1.0	13.2	13.7	13.2 17.2	13.?	13.2 13.2	13.0 13.0	13.2	13.2	13.2	13.2	13.3
≥ 14000 ≥ 12000	<u></u>	13.	17.	17.0 13.0	13.7	13.2	13.3 13.2	13.2	13.2 13.2	13.2 13.2	17.2 13.2	13.2	17.2	13.2 13.2	13.2	13.3
≥ 1900€	? • ? ? • ?	13.8	13.5	17.4	13.7	13.7	17.7	13.7 14.0	13.7	13.7 14.0	17.7	13.7	13.7 14.0	13.7	13.7 14.0	13.8
2 8000 2 7000	1.	1: • 6			15.r 17.7	:5.8 17.7	15.7 17.7	15.8	15.8 17.7	15.F	15.8 17.7	15.8	15.8 17.7	15.8 17.7	15.8 17.7	15.9 17.8
≥ 6000 - 5000	17.	1 . 7	21.	17.7	17.°	7.9 21.6	17.0 21.6	17.0 21.6	17.º 21.6	17.9 21.6	17.9 21.5	17.9 21.6	17.9 21.6	17.9 21.6	17.9	
4190 : 4000		25.0 30.2	37.6	27. 20.7	27.6		31.2	77.6 71.2	31.3		27.6 31.7	23.6	23.6	23.6	23.6 31.3	31.4
2 1500 2 1000 4		4 .	47.	47.4	43.1	"Ç.∩ <u>"6.1</u>	47.1	40.2	40.2	46.3	4°.3	4 6 9	40.3 48.9	46.9	48.9	40.4 49.1
2506 - 2506 - 800	32.0	5.03	55.i	55.7 52.6	64.3	6.7 -9.3	57. T		5 - 1 6 - 1	57.4 65.4	57.6 65.6	57.6 65.6	57.6 65.6	57.6 65.6	57.6 65.6	
2 1500 2 1500 2 200	3 • 4 - <u>14 • 4</u>	54.8	65.7	67.4	72.4	65.4 70.6	66 • 71 • 4	72.0	72.3	66.6 72.9	73.2	73.2	66.7 73.3	73.4	73.4	73.6
2 000	↓ - . ↓	57.7	7 • 1 7 • 1 7 2 • 1	71.1 73.1	7° • 1 77 • 4	75.2 77.6	75 • 4 79 • 3	77.2	77.6	78.3 81.6	62.1	78.7	78.8 82.3	78.9 82.8	78.9 82.8	82.9
2 BOO 1	33 · 4	59.9	77.7	73.3 74.0	72.2	79.3	79.8 81.3	32.6	81.2	82.1 84.1	82.7 84.8	82.8 84.9	82.9 85.1	83.3 85.6	83.3 85.6	85.7
2 600	31.4	7.7	73.7		- 1	70.1 71.2 73.7	87.7 84.7	24.7 26.2	85.3	56.8 88.7	87.7	99.2	98.3		91.1	91.6
± 400	37.1	71.2	74.5			13.7	85.8		91.	92.2 93.0	93.6 95.7	96.7	94.9 97.3		95.7 98.6	99.6
2 200	32.6	71.2	74.	76.4 76.4	1	93.7	87.4	20.1	91.C	93.1 93.1	96.1 96.1	97.1 97.1			99.1	99.8
- '06	3 • 4	71.2	74.6		83.1	23.7 23.7	87.4		91.7	93.1 93.1	96.1	97.1 97.1	97.8 97.8	98 · 8 98 · 8	99.2 99.2	- 1

TAL NUMBER OF OBSERVATIONS ______93

USAF ETAC 101 MILE OF 14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

BLOSAN CERNITCLOSY DEANCH UPAFFIAC AT- WEATHOU SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

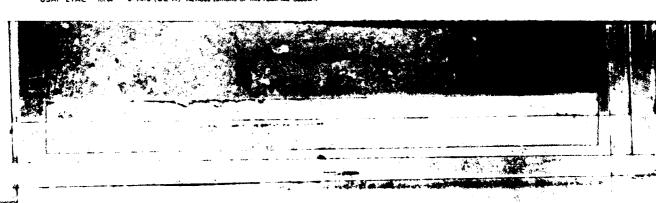
17/0-1400

CEA NO							VIS	IBILITY ST	ATUTE MIL	E5						
+EE"	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1';	21%	≥1	≥ ¼	≥ '•	≥ ,	≥ 5 16	≥ 4	≥0
NO EUNO 20000		14.	11.7	17.1		17.2	17.0 14.4		14.4	13.2 14.4		13.3 14.6	13.3			
≥ 18000 1 6000	1.	14.	16.0 16.2	15.0 16.2	16.1 16.3	16.1 16.3			16.1 16.3	16.1 16.3	16.2 16.4	1 0.2 16.4	16.2	16.2 16.4		. :
≥ 1400× ± 12000	1.1	12	1 · · · · · · · · · · · · · · · · · · ·	1/ •2	16.7 15.4	16.3 16.4	16.3 16.4	15.7 16.4	16.3 16.4	16.3 16.4		16.4 16.6	16.4 16.6			16.4
± 10000 ± 9000	17.1	1 . 7	16.7 16.8	15.7 16.8		16.5 16.9		16.8 16.9	16.º 16.9		16.9 17.	16.9	16.7 17.0		16.9 17.0	16.9 17.3
> 8000 - 1000	13.3	17.	17.0			13.7	18.0	18.	18.0	18.0	18.1		18.1	10.1	18.1	18.1
± 6000 ± 5000	3	7 . 4	2 . 2	7 . 9		1.2	21.3	21.2	21.0	21.2		21.3	21.3	21.3	21.3	21.3
± 4500 4000	17	74.3 31.0	24.7	74.6 31.8	25.° 30.°	75 .1 72 .3		25.1 32.6	25 • ! 32 • €	25 • 1 32 • 6	25.2 32.7	25.2 32.7	25.2 32.7			25.2
± 1500	7 • 1 1 • 9	17.1 11.4	40.	41.0 40.6	41.7 57.2	41.8		# 2 • € 5 0 • 7	42.0 50.7	42.7 50.7	40.1 50.8	42.1	42.1 50.8	42.1 50.8		42.1 50.8
2 2500 2 300	₹# • I	55.7 52.4		57.2 64.7	i	50.4 66.6	-	59.9 57.1	58.9 67.1	58.9 67.1		59.0 67.3	59.0 67.3		59.0 67.3	
2 1800 2 1500	. 2	53.4 57.4		1		47.7 73.2		5°.2	68 • 2 74 • 4		68.4 75.	66.4 75.1	68.4 75.1	68.4		68.4
± 1200 ± 1000	57.3	50.4 7.4			7n.5	76.9 78.8	77.3		78 • 1 81 • 2		78.9	79.1	79.1	79.1		79.1
2 900 ≥ 800	1 1 1	7 .6	73.2 73.3	75 • 1 76 • 1	78.2	70.2	8 - 9	9.20	82.1	83.1	83.6	33.8	83.9		84.1	84.1
2 700 2 600	11.4	71.4		76.7 77.4		32.2 33.8	84.9 87.1	86.2 98.6	86.4	98. 90.6	88.8 91.3	89.5 91.7	89.2 92.2		89.4	89.6 92.6
£ 500 ≥ 400	. 4	72.1	74.0 74.0		83.	94.3	87.9		90.2	92.1 92.8	93.6	93.9		94.9	95.0	95.2
2 300 2 200	40.4 +0.4	72.1	74.9	- 1	83.0 83.0	24.3		0 c . C		92.9 92.9		95.7	96.9	97.7	98.6	99.3
> 100 2 9	- j • 4	72 •1 72 •1		77.7 77.7	83.0 83.0	74.3 84.3	88.0 38.0	აი•ნ მ•0	20.6	92.9 92.9	95.3	95.8	97.3	97.8	98.9	99.8

TOTAL NUMBER OF OBSERVATIONS...

9.0

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS SOTTIONS OF THIS FORM ARE DESCRET



CLOMAL CLIMATOLOGY (SANCH UMMETAC AT (FATHER) SERVICEZHAC

CEILING VERSUS VISIBILITY

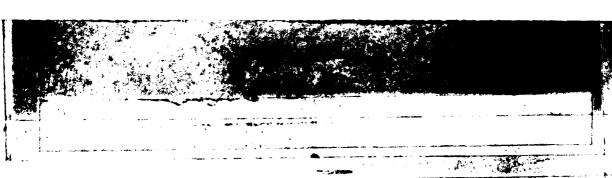
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15_9-1700

EUNG	-			· ·			VIS	BILITY ST	ATUTE MIL	E5						
FEE.	≥ 1C	≥ 6	≥ 5	≥ 4	≥ 3	≥2,	≥ 2	≥1';	≥1.	≥1	≥ :•	≥ ′•	≥ 7	≥5 16	≥ .	≥0
NO 1 EUNO 20000	4	17.3	16. 17.7	10 • 1, 17 • 3	14.1 17.8	75.1 17.8		17.9	16.2 17.9		16.3	16.3	16.3 18.0	_		16.3
2 18000 3 6000	.5.	10.9 16.4	10.0	.0.4 20.0	25.0	19.4 20.0	19.6 27.1	10.7 20.2	19.7	19.7	19.8	19.8	19.8	19.9 20.3	19.3	19.8
≥ 14000 ≥ 12000	15.	19.9	21.3	27 • 1 27 • 6	22.1	70•1 20•6	20.7	20.3 20.8	20.3 20.8	20•3 20•8	20.4 20.9	20.9	20.4 20.9	20.4 20.9	27.4	20.4
\$ 9000 \$ 10000	16.	7	2 .0 21.1	21.2 21.4	21.7 21.4	^1•2 21•4	21.5	71.4 21.7	21.4 21.7	21.4 21.7	21.6	21.6	21.6	21.8	21.8	21.6
≥ 8000 ≥ 7000		3 4	25.0	24 • 2 26 • 1	24.7 26.2	24.3 26.3	26.4		26.6	26.6	24.7 26.7	24.7 26.7	24.7 26.7			
≥ 6000 ≥ 5000	2 6	25.6 27.6	22.	76.4 28.4	24.7	26.8 28.8	23.9		27.0 29.0		27.1 29.1	27.1 29.1	27.1 29.1		27.1 29.1	29.1
± 4000 - ± 1500	2 • 5 .` • 3	76.9 44.1	37.4	37.9 45.3	33.4	7. •8 38 •6	38.7	38.8	31. 36.8 46.2	31.7 38.8 46.2	31.1 38.9	31.1 36.9 46.4	31.1 38.9	31.1 38.9	31.1	31.1
250C	7 3 3 4	5.0	50.3	-3.4	54.2 67.0	74.3 61.0	54 • 6		54.7		54.0	54.9	46.4 54.9 61.7	46.4 54.9 61.7	46.4 54.9	46.4 54.9 61.7
2000	17.7	54.6	66.5		62.7 7	(9.4	77	70.2	71.4	70.4 71.2	70.8 71.6	75.8	79.9	70.9	75.9 71.7	76.09
= = 1500 = 1200	43.1	58.4 65.6		73.3	75.8	78.4	77.1	77.6	77.0	77.9	78.2 81.2	78.2 F1.2	78.3 81.6		73.3 81.6	76.3 51.6
2 000 900	4.3	- · 1	74.1	76.6 77.2	8 . 1	90.2	83.7	52.6	83.0	83.2 84.3	83.8 84.9	83.9	84.4	84.4	84.7	84.7 85.9
2 800	14.3	71.1	75.1 75.2	77.7 77.8	82.1 82.4	² 2.3	84.7	85.9 36.7	86.4 87.7	86.9 87.8	87.6 88.6	87.8 88.8	89.7 9:.1	89.1 90.2	89.3 91.6	89.3 90.6
2 600 2 500	14.4	71.6	75.4	78 • U	82.9	23.1 24.0		97.6	89.5 90.7	90.0 91.9	93.7	91.6 93.9	93.J 95.6	95.8	96.4	96.4
2 300 2 200	4 . 6	71.7	76.1	78.6	84.1	94.4	88.	n ^• 1	91.7 91.4	92.9 93.	94.9 95.1	95.7	97.6		99.2	99.6
- 100	94.5 94.5	71.7 71.7 71.7	76.1 76.1 76.1	78 • 7 78 • 7 78 • 7	84.1 84.1	54.6 54.6	88.7	97.1 90.1	91.4 91.4 91.4	93.0 93.0	95.2 95.2 95.2	95.9	97.8 97.8 97.8	98.7	99.5	

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBIGUET



GLIMAL CETMATHERSY SMANCH UMARCHAC AT WEATHER SPRVICE MAC

SHORYK AFT AN

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1810-2000

1 E L NO							VI5	BILITY STA	ATUTE MIL	ES						
166"	≥10	26	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≱1;	≥1.	≥1	≥ '•	≥ '•	≥ ;	≥ 5 16	≥.	≥0
1405 / ENING 1 20000			17.7	7.4 15.9	1 1 • /: 1 = 0	13.4 15.9		15.9	17.4	13.4	13.4	13.4	13.4		13.4 15.9	13.6
2 18000 2 15000	1 • 2	17.7	17.7	19.6	1 • 1°•6	18.7 18.6	17.6	18. 18.6	18. 18.6	18.0	18.7 18.6	10.5 18.6	18.7 19.6	18. 18.6	18.7	18.1 18.7
# 4000 2004	7+ • ·	1:.0	1 2.0	18.9	10.5	.19 • !	17.9	19.0	10.9	18.9 19.0	18.9 19.0	18.9 19.0	18.9 19.0	18.9	18.9	19.1 19.1
± 10000 ± 9000	15.4	1 . 2	27.7	10.8 20.3	1º.۶	19.8	21.7	19.8	10.0		19.8 27.3	19.8	19.8 27.3	20.3	20.7	19.9) 20.4
≥ 9000 ≥ 4×0	. 1	2:•7	27.4	5 • 7	23.6	23.6 5.7	25	23.8	23.8	23.8	23.8 26.0	25.8	23.8		23.8 26.0	23.9
2 5000 2 5000	- · ·	7 6	20.1	26 • 2	25.3	76.2 78.3	23.7	78.7	28.7	26.6	26.6	76.6	26.6	26.6	28.7	26.7 28.8
4500 4000	70.0	4.1.	30.04 35.04	35 • 7 46 • 7	37.0	7 9 79 9	30.7	71.2 77.3	31.2 39.3	31.2 39.3 48.0	31.2	31.2 39.3 48.7	31.2 39.3		31.2 39.3	31.3
2 3500 2 1000 - 7500	7	. · 6		52.7 51.3	53.	73.2	53.5	51.6 43.	54.n	54.2 63.2	48.7 54.2	54.2 63.3	54.2		- 1	48.1 54.3
2006	1.	65.4	67.1	67.9	68 • 8	68.8	69.4	71.3	71.1	73.7	70.7	72.3	71.2	71.2	71.2	71.3
2 1500	3.1	50 - 1	71.4	73.7	73.0	73.9	75.2	76.0 73.6	76.1	76.8 78.8	76.9	77.	77.6		77.6	77.7
2 1000	7.4	71.4	74.7	76 • 1 76 • 3	73.4	78 • 4 78 • 9	8 . 1	31.6	87.2	82.7	82.7 83.6	83.7	34.2 85.3	84.3	84.3	85.2
2 800	: 3 - 4	72.1	75.7	77.4	79.8 89.4	80.5 40.7		34.4 P6.4	86.7	85.7 87.7	86.3	86.4	88.7 97.2	88.2 90.4	88.2 90.4	90.6
≥ 600	13.4	72.8	76.6 77.4	79.3	82.9	21.9	87.2	98.2	88.4 90.6	89.4 91.9	92.9	93.1	92.3 95.2	95.6	92.7 95.7	92.8 95.9
2 400 2 300 2 200	+3.4	73.0	77.6	79.4	83.7	93.9	99.1	91.6	91.8	93.7	95.3	95.7	98.0	98.6	97.3 98.7	99.0
= 200 = 300 = 0	43.6	73.0 73.0 73.0	77.5	79.4 79.4			88.2	91.9 91.9 91.9		94.1 94.1	95.8 95.8	96.1	98 • 4 98 • 4 98 • 4	1	99.7	176.0

TOTAL NUMBER OF UBSERVATIONS____

900

USAF ETAC (Used 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DISOLET

AT LUTERALTURAL A

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES ≥ 5 16 4.7 14.7 14.3 17.9 17.1 17.5 17.6 17.6 17.6 17.6 17.6 17.7 17.7 17.7 17.7 · 7. 7 17-7 17-7 17-7 17-7 18.7 18.7 18.7 18.2 18.2 18.2 19.2 16.2 18.2 12 to 18.6 21.2 21. 21.2 21. 22.7 22.7 23.7 23.7 25.6 10.7 19.7 19.7 19.0 19.0 19.0 19.0 19.0 19.6 19.6 19.6 19.6 21.2 21.2 22.7 22.7 23.7 23.7 25.6 25.6 1.2 21.2 21.2 22.7 23.7 23.7 23.7 23.7 23.7 25.6 24.8 24.2 26.8 26.8 26.8 26.8 26.8 26.8 26.9 26.8 32.9 67.4 67.5 67.1 68.2 68.2 68.6 68.7 68.9 68.9 68.9 60.9 3. 77.2 77.8 73.9 74.2 74.3 74.8 74.9 74.9 74.9 74.9 75.6 76.1 77.7 77.1 77.2 77.6 77.7 78.6 78.7 78.7 78.7 76.7 60.7 61. 81.7 82.1 92.2 83.2 83.3 63.3 0.5 8..7 81.9 82.4 92.6 83.7 83.8 83.8 78.6 78.9 79.6 93.6 83.0 84.8 85.3 85.4 86.7 87.1 67.1 87.1 67.1 95.6 85.9 86.8 87.4 87.6 88.8 89.3 89.7 89.3 9.1 92.2 91.8 92.4 92.4 92.4

TOTAL NUMBER OF DESERVATIONS...

77.1 8 1 34.9 25.7 85.5 28.6 88.3 59.3 9.11 9.27 91.8 92.4 92.4 92.4 92.4 7.2 6.7 77.1 8 1.1 34.9 35.7 87.9 90.7 91.2 93.1 93.4 95.2 96. 96.7 92.2 97.7 91.2 93.1 93.4 95.2 96. 96.7 92.2 97.7 91.2 93.1 93.6 94.7 96.4 97.2 97.7 97.2 77.1 8 1.1 54.9 95.7 87.9 90.7 91.3 93.4 95.2 95.3 97.2 92.0 92.4 98.7 77.1 80.1 84.9 95.7 87.9 90.7 91.7 93.6 95.9 96.1 98.1 99. 99. 99. 99. 99. 77.1 80.1 34.9 85.7 87.9 90.7 91.3 93.9 96.7 96.1 98.3 99.2 99.7 99. 97.1 30.1 34.9 85.7 87.9 90.7 91.3 93.9 96.7 96.1 98.3 99.2 99.7 99.0 77.1 30.1 34.9 85.7 87.9 90.7 91.3 93.9 96.7 96.1 98.3 99.2 99.7 14.2

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FE.4 50.1

78.

79.3

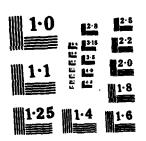
91.6 93.3 93.7 85.6

4.3 63.9 70.3 72.6

73.4 75.4



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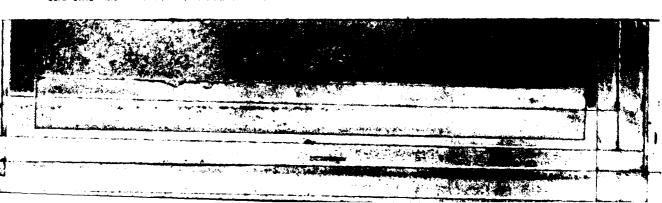


GLORAL CLIMATOLOGY CHANCH USAFOTAC ASS WEATHER SERVICEMAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	EŞ.						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥Ua	≥1%	≥1	≥ ¼	≥ '•	≥ %	≥ 5 16	≥ .	≥0
NO €EIUNG 20000	• •	6.5	1	13.5 14.7	13.0 14.0	13.6 14.6	13.6 14.8	13.7	13.7	13.7 14.8	13.7	13.7	13.7 14.8	13.7	13.7	
5 ,9000 5 18000	•	15.7	15.9 16.0	15.8 16.	16. 15.1	16.1	16.7	15.0 15.2	16.7 16.2	16.7	16.0 16.2	16.5 10.2	16.0 16.2	16.0 16.2	16.0 16.2	16.0 16.2
≥ 14000 ≥ 12000	• 4	16.0	16.1	16.2 16.4	15.3	16.3 16.5	16.3 16.5	16.3 16.5	16.3 16.5	16.3 16.5		16.3	16.3 16.5		16.3 16.5	
≥ 10000 ≥ 9000	ર • '≥ ′•વ	15.7	18.2 17.2	16.9 17.3	17.4	17.0 17.4	17.5	17.1 17.5	17.1 17.5	17.1 17.5	17.1 17.5	17.1	17.1 17.5	17.1 17.5		17.5
≥ 8000 ≥ 7000		18.9	2 . 7	19.1 20.8	19.3 21.0	19.3 '1.0	19.3 21.1	21.1	10.3	19.3 21.1	19.7 21.1	19.3	21.1	21.1	21.1	21.1
≥ 6000 ± 5000	11.	22.9	21.7	21.2 23.4	21.4	21.4 27.8		71.5	21.5	21.5 23.8	21.5 23.9	21.5	23.9	21.5	23.9	23.9
≥ 4500 ≥ 4000	15.7	75 • 1 35 • 7	25.4 33.1	25.6 32.4	33.0	26. 33.9	26 • 1 34 • 1	26.1 34.1	26.1 34.1	26 • 1 34 • 1	26.1 34.1	26.1 34.1	26.1 34.1	26.1 34.1	26.1 34.1	26.2 34.1
2 3500 2 1000	21.4	41.4 47.8	41.6	42.5	50.1	42.8	42.9 50.4	57.6	43. 57.6	43.5 50.7	43.F	43.7	43.1 50.8	43.1 50.8	43.1 59.8	50.8
≥ 2500 ≥ 2000	2'.3	54.4 6.3	55.0 63.	56.7 64.2		57.9 66.1	58 • 3 65 • 6		58.6 67.0	58.6 67.1	58.7 67.3	58.8 67.3	58.8 67.4		67.4	67.5
2 1800 2 1500	?`•3 1	51.6 55.1	67.7	65.1 69.9	72.6	67. 72.7	67.6 73.7	68.1 74.2	68 • · · 74 • 3		68 • 3 75 •	68.4 75.0			75.2	75.3
≥ 1200 ≥ 1000	26.3	67.1 68.5	70.7	72.6 74.7	78.5	76.2 78.8	77 • 3 97 • 3	31.4				79.0 82.9			83.5	83.6
≥ 900 ≥ 800	26.9	58.7 69.3	72.8			79 • 2 70 • 8	87.8	84.2			93.5 86."	83.7 86.1	84.1		87.0	87.1
≥ 700 ≥ 600	26.7	59.7 73.2	74.0 74.8		82.9	83.4	84.4	88.2	86.6	89.9	90.8	88.5 91.0		92.1	92.2	72.4
≥ 500 ≥ 400	27.	70.4 70.5	75.2 75.3			84.6	88.7		92.1	92.6	93.8	94.1		97.4	97.8	98.1
≥ 300 ≥ 200	27.0			78.2	84.4	85.3				94.5			98.1	98.8	99.4	99.7
≥ 100 ≥ 0	27.0	70.5 75.5				85.3 85.3			92.6 92.6		96.4	96.9 96.9		98.8		



GLOBAL CLIMATCLOGY DRANCH USAFETAC ATA MEATHAM SHRVICEAMAC

CEILING VERSUS VISIBILITY

TOTA STERVA AFO AN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	i - 						VIS	BILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥175	≥1'a	≥1	≥ ¼	≥ >₁4	≥ "7	≥5 16	≥.	≥0
NO CEILING ≥ 20000	1.4	5 • °. € • 3	6 • 1 6 • 7	6.8	6.7	5 • ? 6 • 8	5.7	6.2	6.2	6.2	6.2 6.9	6.2	6 • 2 6 • 8	6.7	6.2	6.2
≥ 18000 ≥ 16000	1.7	ნ∙3 ა∙5	6•7 6•8	6 • 8 6 • 9	6 • F	6 • 8 6 • 9	6.3 6.3	6.8 6.9	6.8 6.7	6.E	6.8	6.8	6.8	6.8	6.8	6.8
≥ 14000 ≥ 12000	1.3	6•5 7•1	6 • ° 7 • 4	6•9 7•5	۶.0 7.5	6.9 7.5	5 • 9 7 • 5	6.9	6.9 7.5	6.9 7.5	6.9	6.9 7.5	6.9 7.5	6.9	6.9	6.9 7.5
≥ 10000	1.5	7 • 3	7.5 7.5	7.7	7.7 7.7	7.7 7.7	7.7 7.7	7.7 7.7	7.7		7.7 7.7	7•7 7•7	7.7	7 • 7 7 • 7	7.7 7.7	7.7
≥ 8000 ≥ 7000	?•? ?•?	ે • ? જ•?	2 • 3 1 7 • 1	8.4 10.2	3.4 10.2	8 • 4 10 • 4	3.4 10.4	°.4	5 - 4 1 - 4	S.4 10.4	8 • 4 1] • 4	9.4 14	9.4 10.4	8 • 4 10 • 4	9.4 10.4	8.4
≥ 6000 ≥ 5000	2.7	1 .0	17.7	11.4	17.4	10.6	10.6 12.7	10.6	17.6 12.0	10.6 12.0	10.6 12.0	15.6 12.0	10.6 12.0	10.6 12.0	17.6	10.6 12.0
≥ 4500 ≥ 4000	2 • 5 2 • 5	11.9 15.6	13.3 15.9	12 • 4 16 • 0	12.4 16.7	12.6 16.2		17.6	12.6 16.2	12.6 16.2	17.6 16.2	12.6 16.2	12.5 16.2	12.6 16.2	12.6	12.6 16.2
2 3000 2 3000		71.2 76.1	26.9	27.0	21.9 27.0	22•2 27•2	22.2	22•2 27•2	22.7	22.2 27.2	27.2	22.2	22.2	22.2	22.2	?2.2 27.2
≥ 2500 ≥ 2000	3 • · · · · · · · · · · · · · · · · · ·	33.1	34.1 45.0	34 • 2 46 • 3	34.2 46.9	74 • 4 47 • 2	34.4 47.2	34.4	34.4 47.2	34.4	34.4	34.4 47.3	34 • 4 47 • 3	34.4	34.4	34.4
2 1500	5 - 3	46.5 53.1	55.3	48 • 4 55 • 9	49.7 56.7	49.4 57.0	49.4 57.1	47.4 57.0	49.4 57.1	49.5 57.1	49.5 57.1	49.5 57.1	49.5 57.1	49.5 57.1	49.5 57.1	49.5
≥ 1000	3.6	63.3	63.8	68.5	65.9	70.8	71.1	71.1	71.2	66.9 71.6	66.9 71.7	66.9 71.8	66.9 71.9	66.9	66.9	71.9
≥ 900 ≥ 800	6 • 6 5 • 6	65•1 66•0	7.02	73.9 72.0	72.5 74.0	73.2	73.5 75.1	73.5 75.1	73.7 75.2	74.1 75.6	74 • ? 75 • 7	74.3 75.8	74.4	74.4	74.4	74.4
≥ 700 ≥ 600	5.6	68.8	74.4	75.4	77.5 79.5	78 • 3 80 • 3	78.9	78.9 81.7	79.0 81.8	79.5 82.3	79.6 82.4	79.8 82.6	79.9 82.7	79.9 82.7	79.9 82.7	79.9 82.7
≥ 500 ≥ 400 ≥ 300	6 • 6 5 • 6	7 • 5	75.9	78.4	83.0	86.0	85.8 87.8	36.8 89.8	97.1	87.6 90.6	91.0	88.2 91.2	88.3	88.3 91.5	88.3 91.6	88.3
≥ 200	6.6	70.9 70.9	76.8 76.8	79.4 79.4	85.6	36.9 86.9	88.8	91.3	91.7	93.8	93.8	94.0	94.3	95.3	95.7	99.E
≥ 000	6.6	7 . 9	76.8	77.4	85.6 85.6	6.9 86.9	88.8	91.6	92.3 92.3	94.1 94.1	95•3 95•3	95.6 95.6	96.7 96.7	98.3 98.3	99.5	99.9

707AL NUMBER OF DESERVATIONS ______93[

USAF ETAC 101 44 0-14-5 (OL A) PREVIOUS SERTIONS OF THIS FORM ASS CREGATI



GLOPAL CLIMATOLOGY BRANCH USAFETAC ATE WEATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

7 NIGHT SHETYA AFR AK

74-97

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

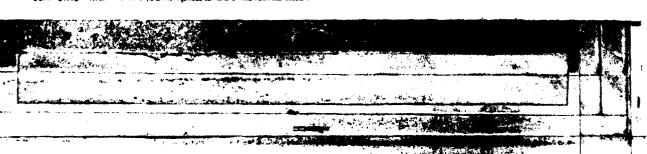
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CEILING							VIS	BILITY IST	ATUTE MIL	ES:						
FEET ;	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 2	≥ 2	≥15	≥1%	21	≥ 1,4	≥ 2/0	≥ '5	≥5 16	≥.	≥0
NO CEILING ≥ 20000	1.	5. • 7 6 • 6	5.9 6.6	5.9 6.6	6.1 6.8	ί•1 6•8	6 • 1 6 • 8	6.9	6.8	6.1 6.8	6.1 6.8	6 • 1 6 • 8	6.2 6.9	6.2	6.2	6.2
≥ 18000 ≥ 16000	1.5	7 • C	7.7	7 • C 7 • 3	7.7 7.5	7.2 7.5	7.2 7.5	7.2 7.5	7.7 7.5	7.2 7.5	7.2 7.5	7.2 7.5	7.3 7.6	7.3 7.6	7.3 7.6	7.3 7.6
≥ 14000 ≥ 12000	i • 3	7 • 3 7 • 3	7 • 3 7 • 3	7.3 7.3	7.5 7.5	7.5 7.5	7.5 7.5	7.5 7.5	7.5 7.5	7.5 7.5	7.5 7.5	7 • 5 7 • 5	7.6	7.5 7.6	7.6 7.6	7.6 7.6
≥ 10000		7.4 4	7.4 7.4	7.4 7.4	7.6 7.6	7.6 7.6	7.6 7.6	7.6 7.6	7.6 7.6	7.6 7.6	7.6 7.6	7 • 6 7 • 6	7•7 7•7	7.7 7.7	7.7 7.7	7.7 7.7
≥ 8000 ≥ 7000	2.8	• 7	7.7 ೧.4	7.7	3•€ 3•6	8.7 9.6	? • 6	8. () 9.6	8 • 1 0 • 6	8.0 9.6	۶. ۱۰.6	8 • ? 9 • 6	3 • 1 9 • 7	8 • 1 9 • 7	8.1 9.7	8 • 1 9 • 7
≥ 6000 ≥ 5000	?•4 ?•4	7.9	7 . 5 9 . 6	°.5	9.7 17.2	9.7	9.7 10.2	7.7	9.7 10.2	9.7 10.2	9.7 10.2	9.7 13.2	9.8 13.3	9 • 8 10 • 3	9.8 10.3	9.8 10.3
2 4500 2 4000	3.7	11.2	11.2 15.1	11.3 15.2	11.5 15.5	11.5	11.5 15.5	11.5	11.5 15.5		11.5 15.5	11.5 15.5	11.6 15.6	11.6 15.6	11.6 15.6	11.6 15.6
2 3500 2 3000	ζ.,	16.1 24.2	10.5 24.0	19.6 25.2	17.9	19.9	19.9 25.5	13.9	19.9 25.6	25.6	19.9 25.6	19.9 25.6	25.7	20 • 0 25 • 7	29.0 25.7	20.0 25.7
≥ 2500 ≥ 2000	4 . 4	3 . 9	31.0 44.3	32.3 45.1	32.6 46.7	32.6 46.3	32 • 7 46 • 1	32.7 46.2	32.7 46.2	32.7 46.2	32.7 46.2	32.7 46.2	32.8 46.6	32.8 46.6		32.8 46.6
2 1800 2 1500	5.5	43.8	46.3 53.3	47.1 54.4	48 • 1 55 • 7	48 • 1 55 • 7	49 • 3 56 • 1	49.4 56.2	48.4 56.2	48.4 56.2	48.4 56.2	48.4 56.2	48.7 56.6	48.7 56.6	48.7 56.6	48.7 56.6
≥ 1200 ≥ 1000	5.7	59.9	61.7 65.5	62 • 9 66 • 9	64.3	68.5	64.9 69.7	65.1 69.5	65.1 69.7	65.3 70.0	65.3 70.0	65.3 70.0	65.6 70.3	65.6 70.4	65.6 70.4	65.6 70.4
≥ 900 ≥ 800	5.9	67.8	66.5	69.6	69.6 71.2	69.7 71.3	77.8	71.0	71.2	71.5 73.1	71.5 73.1	71.5 73.1	71.8 73.8	71.9	71.9 73.9	71.9 73.9
≥ 700 ≥ 600	5.9	65.3	71.8 72.8	73.8	76.1 78.2	76.2 78.3	77 • 7 80 • 1	78.2	78.4 81.1	78.7 81.6	78.7 81.6	78.8	79.5 82.4	79.6 82.5	79.6 82.5	
≥ 500 ≥ 400	5.7	67.6	74.5 76.3	77.3 79.5	84.5	85.2	85.4	97.0	90.2	91.2	87.4 91.6	87.5 91.7	88.3 92.5	92.6		88.4 92.7
≥ 300 ≥ 200	5.9	67.6	76.5 76.5	79.6	84.7	85 • 4 95 • 4	89.0	91.0	91.1	92.2	92.8 93.4	93.0 93.8	94.1 95.2	94.3		
≥ 100 ≥ 0	5.9	67.6 67.6	76.5 76.5	79.6 79.6	84.7 84.7	85.4 85.4	89.7 89.7	91.2 91.2	91.7 91.7	93.0 93.0	93.8 93.8	94.1	95.5 95.5	96.9 96.9	98.1 98.1	99.7

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC NI M 0-14-5 (OL A) REVIOUS REPROPE OF THIS FORM AND CHECKET



CLIFAL CLIMITOLOGY GEANCH GITELTAC ATT - CATHOR SCRVICTIPAC

CEILING VERSUS VISIBILITY

SHEKYA BET AV

4-87

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

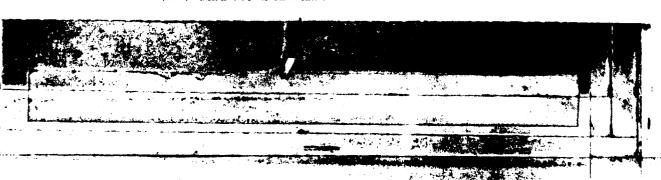
VISIBILITY STATUTE MILES ≥10 22 , ≥ 2 ≥5 16 ≥0 NO CEILING ≥ 20000 4. 4.5 4.5 4. 4. 4.5 ≥ 18000 5. 5.5 5.5 5 - 5 ≥ 14000 ≥ 17000 5. 5.7 5.7 5.7 5.7 ± 10000 ≥ 9000 6.1 6 . 1 6.1 8000 7000 (i . ' 6000 5000 9.0 4500 11.8 11.6 11.8 4000 1500 22.7 22.9 1000 27.7 2500 2000 33.8 33.2 33.8 800 1500 56.8 56.8 1200 61.1 64.2 64.5 64.7 64.9 64.9 64.9 70.1 900 800 61.9 65.5 71.2 71.1 71.1 71.2 63.9 72.9 700 66.1 76.9 76.9 600 79.8 500 67.4 86.5 400 68.1 300 7 7 26.7 68.1 100 68.1 91.0 88.5 96.5 97.8 99.7

TOTAL NUMBER OF COSTRVATIONS.....

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS SOTTONS OF THIS FORM ARE OSSOLETE

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GLOPAL CLIMATCLOCY OFANCH USAFETAC ATH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

T SHENYA AFR AR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

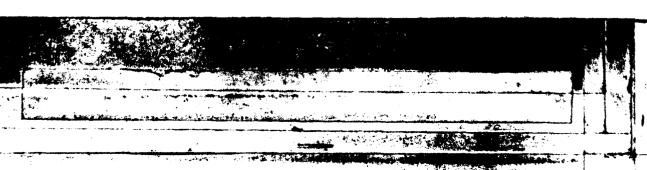
<u>-930-1100</u>

CEILING							VIS	BILITY ST	ATUTE MIL	ES						1
FEET	≥10	≥ 6	≥ 5	≥ 4	≥3	≥2 ,	≥ 2	≥1";	≥1′.	≥1	≥ :.	≥ '∗	≥ 'י	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	7.3	4.0 9.5	4.5 5.5	4 • 9 5 • 5	4.9 5.5	4.9 5.5	4 . ° 5 . °	4.9 5.5	4.0 E.E	4.9 5.5	4.9 5.5	4.9 5.5	4.9	4.9 5.5	4.9 5.5	4.9 5.5
≥ 18000 ≥ 16000	" 5 / 5	5.1 6.1	6 • ! 6 • 1	6 • 1 6 • 1	6.1 6.1	6.i 6.1	6 • 1 5 • t	6.1 6.1	6.1	6.1 6.1	5.1 5.1	0 • 1 0 • 1	6.1	6.1	6.1	6.1
≥ 14000 ≥ 12000	13 - 5 4 - 4	6.1 5.2	5.1 5.2	6.1 6.2	6.1 6.7	6.1 6.2	5 • 1 5 • 2	6•1 6•2	6.1 6.2	6.1	6.1	5.1 6.2	6 • 1 6 • 2	6.1	6.1	6.1
00001 ≤	4 • *	ۥ7 6•8	6.9	6.7 6.9	6.8 7.	6 • 8 7 • 7	6 • 8 7 • 7	6 • € 7 • ∩	6 • s	6 • 8 7 • 5	6 • 8 7 • 7	6.8 7.0	6.8	6 • 8 7 • 0	6 • 8 7 • 0	6 • 8 7 • C
≥ 8000 ≥ 7000	• 5 • 5	7.6 0.1	7•7 9•4	7 • 7 ? • 4	7 • 8 7 • 5	7.8 9.5	7 • 8 9 • 5	7.8 7.5	7 - 8 0 - 5	7 • 8 9 • 5	7.8 9.5	7 • 8 9 • 5	7.8	7 · 8	7.8 9.5	7 · 8
≥ 6000 ± 5000	6.0 0.,	9.7	11.1	9.9 !1.1	10.5	10.0 11.2	19.9	10.0	10.7 11.2	10.0 11.2	10.0	10.0 11.2	10.0	10. 11.2	17.5	10.0
≥ 4500 ± 4000	17.7	11.5	11.7 16.8	11.7 16.3	11.9 16.9	11.8 16.9	11.ºº 16.9	11.9 17.0	11.° 17.°	11.9 17.0	11.9 17.7	11.9 17.3	11.9 17.0	11.9 17.0	11.9 17.0	11.9
≥ 3500 ≥ 3000	17.3	23.9 29.1	24.1 29.5	74 • 2 73 • 7	24.6 30.1	24.6 70.1	24 • 6 30 • 1	24.7 30.2	24.7 30.2	24.7 30.2	24.8 30.3	24.8 36.3	24 • 8 3 · • 3	24.8 30.3	24.8 32.3	24.8 36.3
≥ 2500 ≥ 2000	2	35.2 43.8	35.6 44.2	35.9 44.7	36.5 45.9	36.5 45.9	36 • 5 45 • 9	36∙6 46•0	36 • 6 46 • 1	36 • 6 46 • €	36.7 46.1	36.7 46.1	36.7 46.1	36.7 46.1	36.7 46.1	36.7 46.1
≥ 1800 ≥ 1500	?4 71.5	44.5 52.0	44.9 54.0	45.5 55.1	56.6	46.7 56.6	46 • 7 56 • 7	46.8 57.0	46.4 57.	46.8 57.	46.9 57.1	46.9 57.1	46.9 57.1	46.9 57.1	46.9 57.1	46.9 57.1
≥ 1200 ≥ 1000	37.5 37.6	63.2 65.1	61. ⁴	62.8 68.5	71.	64.7 71.2	64 • 9 71 • 4	71.7	65.2 71.8	65.2 71.8	65.3 71.9	65.3 71.9	65.3 71.9	65.3 71.9	65.3 71.9	
≥ 900 ≥ 800	77.6 77.8	65.7 67.3	68. 6°.6	59.7 71.8		72 • 8 75 • 5	73 • 2 76 • 2		73.8 77.	74.5 77.2	74 • 1 77 • 3	74.1 77.3	74 • 1 77 • 3	74.1 77.3	74.1 77.3	74.1 77.3
≥ 700 ≥ 600	38.5 3°.5			74 • 3 76 • 3	80.8	76.5 91.6	79.7 82.5	83.3	87.1 83.4	80.3 83.7	87.4 84.7	80.4 84.1	80.4 84.1	80.4 84.1	89.4 84.1	80.4 84.1
≥ 500 ≥ 400	32.5 38.5	71.8 72.3	75.2 76.	77.7 78.9	82.7	85.1	84 • 8 86 • 7	88.9	89.7	87.1 90.0		87.8 91.3	88 • 2 92 • 2		88.3 92.7	88.3 92.8
≥ 300 ≥ 200	38 • 5 38 • 5	72.4	76.3	79.4 79.4	84.7	95.6 85.6	87.3 87.6		91.7 91.3	91.7 92.0			94 • 8 96 • 0			
≥ 100 ≥ 0	38.5 38.5			79.4	1	8 5 • 6	87.6 87.6			92.0 92.0	, ,	j.	96.0	97.3 97.3		130.0 130.0

OTAL NUMBER OF OBSERVATIONS.....

930

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS ENTIRES OF THIS FORM ARE GREGAT



GLOSAL CLIMATOLOGY STANCH USAFLIAC AT STATHER STRVICEMAG

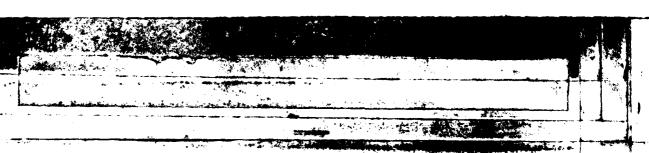
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12.0-1400

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
} FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥17	≥1%	≥1	≥ ¼	≥ '⁄•	≥ 4	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	`•4 ∃•6	7 • 5 5 • 8	7. 5 6 R	6 • 5 6 • 8	5.5 6.8	6.5 3.6	6 . 5 5 . 3	6.5 6.8	6.5	6 • 5 6 • 8	6.5 6.8	6 • 5 6 • 8	6 • 5 6 • £	6.5	6 • 5 6 • 8	5 • d 8 • d
≥ 18000	5.a 5.4	7.5 7.7	7.5 7.7	7.5 7.7	7.5 7.7	7.5 7.7	7.5 7.7	7.5 7.7	7.5	7.5 7.7	7.5 7.7	7.5 	7.5 7.7	7 • 5 7 • 7	7.5 7.7	7.5 7.7
≥ 14000 ≥ 12000	5 • X	7 • 8 3 • 1	c 1	7•8 ∂•1	7.0 :e1	7.8 8.1	7.8	8.1	7.8 2.1	7.8 £.1	7.8 8.1	7.8 8.1	7.8 3.1	7.8 8.1	7.8	7.8 8.1
≥ 10000 ≥ 9000	5.º 3	9.	0.7	9.0 2.0	ر. ر ر	9•″ :•e	. • J	≎. ^ 	9.	9.1	9.1	7.0 9.0	9.7	-	200	9. r
≥ 8000 ≥ 7000	3.	11.5	1:.5	11.5 17.8	11.5	11.5 12.3	11.5	11.5	11.5 13.8	11.5 13.8	11.5 13.8	11.5	11.5 13.8	11.5	11.5	11.5 13.8
≥ 6000 ≥ 5000	1.2	14.1	15.1	14.1	14.1 15.1	14.1 15.1	14.1	14.1	14.1 15.1	14.1 15.1	14.1 15.1	14.1	14.1 15.1	14.1 15.1	14.1 15.1	14.1
≥ 4500 ≥ 4000	.1. 	15.5 21.9	27.8	15.5 20.9	21.0	15.5	15.5 21.0	15.5	15.5 21.3	15.5 21.0	15.5 21.3	15.5 21.0	15.5 21.7	21.0	21.0	15.5
≥ 3500 ≥ 1000	10.	26.1 32.8	32.9	26.2	26.7 33.5		26.7		26.7 33.5	26.7 33.5	26.7 33.5	26.7 33.5	26.7 33.5			26.7 33.5
≥ 2500 ≥ 2000	57.6 32.3	4 : - 3 4 : - 2	49.1	41.2 49.7	5 4		5 . 9	41.7 50.4	41.7 50.0	41.7 50.5	42.0 50.9	42.0 59	42.0 50.9	50.9	50.9	42.0 50.9
≥ 1800 ≥ 1500	32.3	48.9 57.2	59.0	54.9	60.8	60.9	67.3		61.0	51.3 61.1	61.4	51.6 61.4	51.6 61.4	61.4	61.4	51.6
≥ 1200	41.7	65.2 7.8	77.8	68 • 4 74 • 8	75.9		76.3	76.6	76.6	69.7 76.7	79.0 77.0	77.0	70.0	77.1	77.1	70.0
≥ 900 ≥ 800 > 700	43.7	71.8 73.3 74.5	76.8	76 • 3 78 • 5	79.9	80.1	78 • 1		81.7	78.5 81.3	61.6	75.8 81.6	78.9 81.7	81.7	81.7	78.9 81.7
≥ 600	44.2	76.	2 - ר	80.0 82.0 83.1	83.9	84.4	82.1 85.1	82.7 85.8	82.7 86.0	86.3	83.8	83.8 87.2 91.3	83.9 87.3 91.5	87.3	87.3	
≥ 500 ≥ 400 ≥ 300	74.4	77.1	81.7	83.8	86.5	87.1 87.7	83 - 8	9 . 5		92.6	93.7		94.1 96.7	91.5 94.3	94.6	94.6
≥ 200	44.4	77.2	81.8		87.1	87.8	89.7	91.7	93.2	94.3	96.1	96.2	97.7	98.5	99.4	98.7
≥ 100 ≥ 0	44.4		(' '		87.1 87.1	87.8 97.8	89.7 89.7	91.7			96.1 96.1	96.2 96.2	97.7 97.7			100.0

USAF ETAC NI 44 0-14-5 (OL A) PREVIOUS SOTIONS OF THIS FORM ARE COSCUL

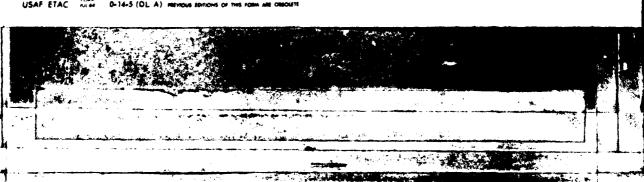


GLORAL CLIMATCLOGY CHANCH USAFETAC AIR REATHER SERVICLIMAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY -ST.	ATUTE MILI	£5						
I FEET.	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 >	≥ 2	≥115	≥1%	≥1	≥ '•	≥ >0	≥ 7	≥5 16	≥ 4	≥0
NO CEIUNG ≥ 20000	;i • * • §	t • 1 7 • 3	^ . ↑ - 4	6 • 3 7 • 5	5 • F 7 • 6	6.5 7.6	5.5 7.5	4.5 7.6	6 • ? 7 • f	5.5 7.6	5 • □ 7 • 6	ა∙5 7∙6	6.5 7.6	6.5 7.6	6.5 7.6	6.5 7.6
≥ 18000 ≥ 16000	`. • `	7 • 8 • 8	a . (3 • 1 8 • 1	₽.? 9.?	೯•2 ৪•2	9 . ? 8 . ?	3•2 8•2	ያ•ን ይ•ን	₹•2 8•2	8.2 5.2	5∙2 8•2	8 • 2 8 • 2	8 • 2 8 • 2	8 • 2 8 • 2	8.2
≥ 14000 ± 12000	۲. ۱ ۲. ا	7 • 2 7 • 8		5 • 1 c • 1	3.2 3.2	8.2 8.2	8.2 8.3	8.2 3.7	8.2 8.2	8 • 2 8 • 2	8.2 9.2	5 • 2 8 • 2	8 • 2 9 • 2	8 • 2 8 • 2	8 • 2 8 • 2	8.2
≥ 9000 ≥ 9000	7 • 1 7 • 5	5 • 3 5 • 3	5 . ti	20•0 20•0	10.1	9.6	1 .1	10.1	9.6 10.1	9.6 15.1	9.6	9.6 13.1	9.6 10.1	9.5 10.1	9.6 17.1	9.6 10.1
\$ 8000 \$ 7000	•	11.6	1:.7	11.8	11.0	11.9	11.9	11.9	11.7	11.9	11.9	11.9	11.7	11.9	11.9	11.9
≥ 6000 ≥ 5000	13.4	14.0	1 7 • 1 1 7 • 2	15.2 17.3	15.7	15.3	15.7	7.4	15.7	15.3	15.3 17.4	15.3	15.3 17.4	15.3 17.4	17.4	15.3
2 4000 2 4000	14.5		24.7	24.9	25.1	18.7	19.7 25.1	13.7 25.1	18.7 25.1	18.7 25.1	18.7 25.1	18.7 25.1	18.7 25.1	18.7 25.1	18.7 25.1	18.7
2 1500 2 1000 		- 3	34.7	30 • 2 37 •	30.3	70.3	37.7	37.2	37.3	30.5 37.3	37.3	37.3	37.3	30.5 37.3		
2500	34.7	47.5 4 .9	47. 50.6	43.5 51.4 52.5	43.2 51.6 52.8	93.8 1.6	43.9 51.9	47.9 51.8	51.0 53.1	51.9	44.1 52.	52.0	44.2 52.2	44.2 52.2	52.2	44.2 52.2
2 1500 2 1500	11.4	5 (• 5) - 6 • 6	65.7	61.2	61.8 67.8	61.8	62.3 68.3	6?•3	62.5	53.1 62.6 68.6	53.2 62.7 68.7	53.2 62.7 68.7	53.3 62.8 68.8	53.3 62.8 68.8	53.3 62.8 68.8	53.3 62.8 68.8
2 1200 2 1000 2 900	43.4	6.5	77.02	74.1	75.3	75.3	75.8 77.5	76.1	76.5	76.8 78.6	76.9	76.9	77.0	77.0	77.0	77.0 78.8
≥ 900 ≥ 800 ≥ 700	44.1	71.9	75.4	77.5 79.5	79.1	79.2	83.3	8 3.7	81.2	81.5	81.6	81.6	81.7	81.7	81.7	R1.7
2 600	45.2	76.1	8 .4 8 i . 8	93.3 84.8	85.R	35.9 87.8	87.5 9 . 2	98.3	88.6	89.5	89.6 92.9	89.6 93.1	89.7	89.7	89.7	89.7
≥ 300 ≥ 4^0 ≥ 300	45.3	77.1	82.2	85.2	88.7	98.9	91.4		93.1	94.3	95.1 96.3	95.3	95.6 97.0	95.9	96.7	°6.8
≥ 100	45.3	77.3	82.5	85.5	89.5	89.7		93.8	94.2		96.7 96.7	96.9	97.5		99.4	-
≥ 0	4° • 3				89.5	я 9.7		93.8			96.7			98.1		



GLOBAL CLIMATOLOGY FRANCH GRAFITAR AL JEATH R SERVICEZMAC

CEILING VERSUS VISIBILITY

SHETTA ALR AF

14 ~6 1 _

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

183**0-**2000

CEILING							viS	BILITY ST	ATUTE MIL	E5					·	
. FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 "	≥ 2	≥1',	≥1.	ا≤	≥ 1.4	≥ '•	≥ 7	≥ 5 16	≥ .	≥0
NO CEIUNG 20000	, 6	7. 7.5	7 7	7.2	7.2	7 • 2 7 • 7	7.7	7.7	7.7	7 • 2 7 • 7	7.2	7•2 7•7	7.2	7 • 2	7.2	7 • 2 7 • 7
≥ 18000 ≥ 16000	ے ف	c 1	5 3 4 7	8 • 3 € • 3	3•3 8•3	8 • 3 E • 3	S - 3	8.3 8.3	9. T	8.3 8.3	9.3 8.3	∂•3 . 3•3	3 • 3 8 • 3	8 • 3 8 • 3	8 - 3 8 - 3	8.7 £.3
≥ 14000 ≥ 12000	6 •	r • 1	3.5	5 - 7 - 8 - 5	ા.₹ 3.5	8.5 8.5	9.7 3.5	₽•3 8•S	£ 3	8 • 3 8 • 5	8.5	8.3 8.5	3.3 8.5	8.3		8.3 8.5
≥ '0000 ≥ 9000	7 - 4	2 . 9	7.) 0.2	9.1 2.2	9.1 9.2	9•1 9•2	9.1 2.7	9.1 9.2	0.1 9.2	9•1 3•2	9.7	9.1	9.1	9.1	9.1	9.1 9.2
± 8000 ± 2000	, , ,	17.2	17.4	19.4	10.4		10.4	17.4	1^.4 11.6	; .4 11.6	11.6	1"•4 11•6	1".4 11.6	10.4 11.6	17.4 11.6	11.4
2 6000 2 5000		1.02	17.4	12.4	12.0	12.4	12.4 13.3	12.4	17.0	12.4 13.3	12.4 13.7	12.4	12.4	12.4	12.4 13.3	12.4
4500 2 4000	1.1 	17.5	10.0	14.1			14.2	14.2	14.2	14.2 19.9	14.2 19.0	14.2	14.2	14.2	14.2	14.2
2 3500 2 1900	:4•	2 '•4 33•5		28 • 3 34 • 6	28 • 4 34 • 7	28.4 34.7	29 • 4 34 • 7	> 2 . 4 74 . 7	28.5 34.8	28.5 34.8	2°.5 34.8	25.5 34.8	28.5 34.8		28.5 34.8	28.5 34.8
2500 2006	27.5	79.8 47.6		41 • D 49 • 6	41.2 50.3	11.2	41.7	91.2 57.3	41.3 57.4	41.3	41.3 57.4	41.3 53.4	41.3 57.4	41.3 50.4	41.3 50.4	41.3 50.4
≥ 1800 ≥ 1500	:2•1	49.1 57.1	59.1 58.8	57 • 9 59 • 7	60.8	51.7 63.8	51.7 60.9	51.7 50.9	1	51.8 61.5	51.5 61.0	51.8 61.0	51.8 61.2	51.8 61.3	51.8 61.0	51.8 61.0
≥ 1200 ≥ 1000	30 .4 39.8	61.9	64. 69.8	65 • 2 71 • 5		66.5 73.3	66 • 7 73 • 7	66•7 73•9		66.0 74.2	66.0 74.4	66.9 74.4	66.9 74.4	66.9 74.6	66.9 74.6	66.9 74.6
≥ 900 ≥ 800	″n.ī 40.5	51.4 75.8		72 • 7		74.6 7 7. 5	74.9 78.3	75.2 78.7	75.3 78.8	75.5 79.	75.7 79.2	75.7 79.2	75.7 79.2	75.9 79.5	1	
≥ 700 ≥ 600	41.4	72.8 74.5		78 • 2 8 • 8	81.7 84.3	11.2 94.4	82.5 85.8	83.1 86.7		83.5 87.6	83.8 88.0	8 3 • 8 0 • 8 8	83.9 88.1	84 · 1	84 • 1 88 • 3	84.1 88.7
≥ 500 ≥ 400	42.1 42.1	75.1 75.5	79.6	82.3 83.0	1	86.7 98.1	88.3 89.9	° 9.2 91.3	89.5 91.5	90.5 92.7	91.1 93.4	91.2 93.5	91.4 93.9	91.9 94.7	• 2 95 • 3	92.4 95.5
≥ 300 ≥ 200	42.0 12.0	75.6 75.6		-1	88.7 88.7	28.9 38.9		92.8 93.0	93.1 93.3	94.5 94.8	95.7 96.3	95.8 96.6	96.7 97.4	97.5 98.3	98.5 99.4	98.7 99.7
≥ 100 ≥ 0	42. 42.	75.6 75.6	79.8	83.2 83.2		28.9 28.9	9) • q			94.9			97.5 97.5	98.4		

OTAL NUMBER OF OBSERVATIONS ______ 935

USAF ETAC TOTAL D-14-5 (OL A) PREVIOUS SOITIONS OF THIS FORM ARE CONCERN

CLOPAL CELMATCHOLY PRANCH UPARTAGE AT ACTION SERVICE FIAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

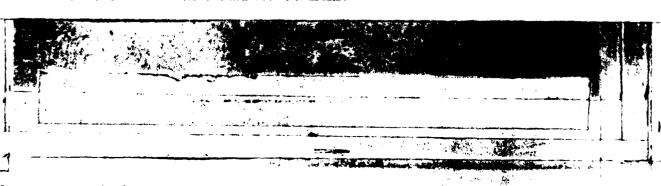
21.0-2371

Litho							VIS	1810'Y ST	ATUTE MIL	E5						
166:	≥ 10	≥ 6	≥ 5	1 ≥4	≥1	≥2.	4 2	≥:	≥1.	≥1	٤.	≥ .	≥ 7	≥5	≥ .	≥0
NC = EIUNU + 20000	4	(. %			٠.	7, •	,	· · ·	•	/ • ?	7.7	%•3 7•0	6∙3 7•0	6.3	6.3	6 • 3 ₁
2 18000 2 16000			7	7 5	٠,٠	7.5	7.5	7. °		7.5 7.5	7.5 7.5	7.5 7.5	7.5 7.5	7.5 7.5	7.5	7.5
≥ 14000 1 7000		, • . - • .	7.4	7.€	٠, ٥	7.5 7.8	7.5 7.3	7.5 7.8	* c	7.5	7.5 7.8	7.5 7.8	7.5 7.8	7.5 7.8	7.5 7.8	7.5 7.8
± 10000 ≥ 9000		+ • 3 5, • 3	•	. 5	: • 5	R.4 ∂.5	2 . F	5 <u>. 5</u>) و ر ر	0 • 4 0 • 5	£ * #	8 • 4 3 • 5	8 . 4 8 . 5	8.4	8.4 8.5	8.5
: 8000 : 7000		?• ! •	10.0	0.5 10	1 . 4	5.5 10.4	17.7	0.5 1.3.4	7 . F	0.5 10.4	9.5	9.5 1.4	9.5 10.4	9.5 10.4	9.5	9.5 10.4
≥ 6000 ≥ 5000		13.6	1 • 7	1,4.2	10.7	10.0	17.7	:r.	17.7	10.0 12.2	17.7	10.9	1 .9	10.9 12.2	17.9	13.9
≥ 4500	1.0	1 • 1	17.4	12.8 17.3	17.7	12.8	12.8 17.3	17.3	12.7 17.7	12.8 17.3	12.8 17.7	1 ?•8 1 7•3	12.9 17.3		12.8	12.8 17.3
2 3500 2 3000	1 6	27.5	27.9	. 4 . 4 . 0 . u	۲۰ خ	4 ⊆.0	24 • 4	30.5	14.5 19.5	74.4 79.0	24.4	24.4	24.4	24.4 29.7	24.4 29.0	24.4 29.1
2 2500 2 2000	73.	3° . E		76 . F	36 . F 4 ° . 4	76.8 58.4	₹7. ° 4 ° • 6	36.0 45.6	36.0 48.1	36.8 48.6	36.5 48.1	36.8 45.6	36.8 48.5	36.8 48.6	36.8 48.6	36.8 48.6
2 1800 2 1500	• 7	55.9	5 ° • i		57.5	0.02 0.02	57 • 7 59 • 2	20°0	50.1	59.2	50.2 50.2	5 9 2 5 9 2	57.7 59.2	50.2 59.2	50.2 59.2	50.2 59.2
2 1200 2 1000	72.	6 4 66 2	60.5	7 . 5	66.5 72.3	66.6 '2.4	66.9 72.5	77.8	66.¢ 72.9	67. 73.0	67.7 73.1	67.00 73.1	67.0 73.2		67. 73.3	67.1 73.3
> 900 ≥ 800	3.3.3	60.0		71.3 74.1	73.2 76.6	73. 76.8	73 • 8 77 • 5	77.8 77.5	73.9 77.6	74.0 77.8	74.1 78.	74.1	74.2 78.1	74.3 78.2	74.7 78.2	74.3 78.2
≥ 700 ≥ 600	37.	7 i • .	74.4	77.4	78.F 81.7	79.3	80.1 87.9	87.2	83.1	65 63.8	85.6 24.1	84.1	81.7 84.4	84.5	31.1 84.5	81.1 94.5
± 500 ≥ 400	34.2	3.1			84.7	15.9	88.	96.9 89.1	87. 89.	87.6 90.2	58.F 91.1	P5.6 01.2	91.6			89.5 92.8
≥ 200	34.7	3.8	77.5	80 . 1	86.1	P6.6 ₹6.6	88.7	0.0		93.3	94.2		95.1 95.7		98.3	77.2 99.2
106	34.7	73.8 73.8	77.8	8 . 1	86.1	76.6 20.6	88.7	90.9		93.3 93.3	94.5 94.5	1	96 • 1 96 • 1	97. 97.1	98.9 99.0	99.9

TOTAL NUMBER OF OBSERVATIONS

934

USAF ETAC WIM 0-14-5 (OL A) MEMOUS semons of this room and desout



GETTAL CLIMATHLOGY REALCH LIMETAC ATT AFATH & STRVICEZHIC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

- ALL

CEIUNG							VIS	IBILITY ST	ATUTE MIL	E5						
· FEET **	≥10	≥6	≥5	≥4	≥ 3	≥2 ,	≥ 2	≥1;	≥1.	ا ج	≥ •	≥ %	≥ 5	≥ 5 16	≥ .	≥0
NO CEIUNG I ≥ 20000			£ . 1	5 6	7•°	6.0 6.7	6.7	6.5	6.7	5 • C	6.7	6 •	5.7	6.7 6.7	6.7	6.7
≥ 18000 ≥ 18000	1.0	- 1	7.0	7.1	7.1	7 • 1 7 • 2	7 • 1	7.1	7.	7.1	7.1 7.2	7.1 7.2		7.2		7.2
≥ 14000 ≥ 12000	• 1		, u	7.2 7.4	7.5	7 • 3 7 • 5	7.7 7.5	7.3 7.5	7.7 7.8	7.3 7.5	7.7 7.5	7.3 7.5	7.3 7.5	7 • 3 7 • 5	7.3 7.5	7 • 3 7 • 5
≥ 9900 ≥ 10000	4.7		· ·		?••	8.1 6.2	8.1	7 • 1	0.1	9 • 1 3 • 2	9.1 5.2	° •1 ∂ •2	9.1	8 • 1 8 • 2	8.1 9.2	8.1
2 8000 2 7000		• 1. • 7.	1.0	17.9	9.7 11.0	9.3	11.	9.3	11.5	9.3 11.7	9.3 11.	9.3	9.4	9.4 11.3	9.4 11.1	?.4 11.5
÷ 6000 • 5000	1.	1.0	1:.4	1.6	11.5	11.5 12.7	12.7	11.5	11.5	11.5 12.7	11.5 12.7	11.5 12.7	11.5 12.7	11.5 12.7	11.5 12.7	11.5 12.7
4000		1 (- 2)	1 4	13.4	13.6	13.6 18.6	13.6 19.6	17.6	17.4 18.6	13.6 18.6	13.6	13.6 18.6	13.6	13.6 18.6	13.6 18.6	18.6
2500		30 • C	21.5 35.4	24.7 20.3 27.3	30.6 37.6	24.9 30.6 37.6	24 • 7 30 • 6 3 - • 6	24.9 30.7	25. 30.7 37.7	25.0 37 37.7	25.0 30.7	25.0 37	25.9 20.7	25.0 30.7	25.0 30.7	25 • C
2006	-7-	45.E	45.3	47.4	45.1	49.7	43.2 49.8	37.6 43.3 49.8	48.3	45.3 49.8	37.7 48.4 49.9	37.7 48.4 49.9	37.8 18.4 50.0	37.8 48.4	37.8 48.4	
2 1500	22.3	54 E	56.7 63.8	57.5	50.5	58.6 6.2	59.8	59.8 66.6		58.9 66.8	59.7	59.0 66.9	59.0 66.9	50.0 59.0 66.9	50.0 59.0 66.9	50.0 59.0
≥ 1006	27.5	66.4	69.7	70 • 2 71 • 5	71.9	72.1	72.5	77.6	72.2 74.4	73.D		73.2	73.3		73.3	73.3
≥ 800 ≥ 700	3 . 1	66.1	71.8 74.3	73.6 76.3	75.8	76.0 70.2	76 - 7 8 - 1	77.3	77.2 87.7	77.5 81.1	77.6 81.3		77.8 81.5	77.8 81.6	77.8	77.8 81.6
≥ 600	30.3	1.4 1.0 3	76.7 77.4	78.4 °U.0	84.2	92 • D		84.0 87.7	84.2	84.7	85.C 89.2	85.1 89.4	85.3 89.7	85.3	85.3	85.3
≥ 400 ≥ 300 ≥ 200	3 . 4	72.7 72.8	78.4 78.4	81.4	85.9	96 • 4 97 • 1	89.3	90.1 91.3	90.6	91.4 93.2	92.1 94.3	92.4	92.8 95.3	93.1 96.0		93.6
2 100	30.4 30.4	72.8	78.4 78.4 78.4	81.4	86.5 86.5 86.5	87.1 87.1	89.4 89.4	91.5 91.6 91.4	92.3		95.1 95.1	95.3 95.4 95.4	96.4 96.6	97.3 97.6 97.6		99.9

TOTAL NUMBER OF DESERVATIONS 745

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS SOTIONS OF THIS FORM ARE OBSOLET



GLIBAL CLIMATOLOGY BRANCH Braffyac ATE AFATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEITING							VIS	BILITY -ST.	ATUTE MIL	ES						
I FEET	≥10	≥6	≥ 5	≥4	≥3	≥2 ¬	≥ 2	≥11;	≥1'₄	≥1	≥ '•	≥ '⁄4	≥ 27		≥ .	≥0
NO CEILING 20000]]		₹	7.7 4.8	₹. ₹ % . ₽	3 • 7 4 • 8	3.7 4.9	7.7 4.8	ti o	3.7 4.8	7.7 4.9	3.7 4.8	3.7 4.8	•	3.7 4.8	3.7 4.8
≥ 18000 ≥ 16000	1 •	5•1 =•1	· · 1	آ⊾• ک	5.1	5 • 1 5 • 1	5 • 1 5 • 1	5.1	to the	5.1 5.1	5.1 E.1	5.1 5.1	5.1 5.1	5 • 1 5 • 1	5.1 5.1	5 • 1 5 • 1
≥ 14000 ≥ 17000	1.7	7 • 1 1 • 1	• 1	5 - 1	5.1 5.1	5.1 5.1	5 • 1 5 • 1	5 · 1	5 • 1	5 • 1 5 • 1	5.1 5.1	5.1 5.1	5.1 5.1	5 · 1	5.1 5.1	5.1 5.1
2 9000 ≤	1.0	.6 6	F.7 F.7	5.7 5.7	5.7 5.7	5.7 5.7	5 • 7 5 • 7	5.7 5.7	5.7 5.7	5 • 7 5 • 7	5.7 5.7	5.7 5.7	5.7 5.7	5 • 7 5 • 7	5.7 5.7	5•7 5•7
± 8600 ≥ 7000	1.7	. • 6	5 . 7 7 .	5.7	7.0	5.7 7.	7.0	5•7 7•5	5.7 7.0	5 • 7 7 •	5.7 7.1	5.7 7.0	5 • 7 7 • "	5 • 7 7 • `	5.7 7.0	5 • 7 7 • '
≥ 6000 ≥ 5000	2.1	. · ?	7.4	7.4	7 . C	7.7 7.4	7.4	7 • C	7.0	7.0 7.4	7.0 7.4	7.0 7.4	7.∏ 7.4	7 • 7 • 4	7.1° 7.4	7 • ° 7 • 4
± 4500 ± 4000	3	۶.6	7 4 C 7	4.7	7.4	7.4	7.4	7.4 9.7	7.4 9.7	7.4 9.7	7.4	7 • 4 9 • 7	7.4	7 • 4 9 • 7	7.4	7 • 4 9 • ?
2 3500	•	17.5 12.9	17.7	17.7	10.7 12.8	10.7	17.7	10.7 12.8	17.7	1 • 7 12•9	17.7 12.9	1:.7 12.9	17.7	10.7 12.9	1°•7 12•9	10.7 12.9
≥ 25 10 ≥ 200	3 • ^	14.7	15. 13.8	15.5	15.0 18.8	18.8		15.0 13.8	12.0	15.1 18.9	15.1 18.9	15.3	15.3 19.1	19.1	19.1	19.1
2 1800 2 1500	5.7	72	10.9 25.9	19.8 26.2	19.8 26.8	19.8 26.8	26.9	76.8	19.9 26.9	19.9 26.9	19.9 26.9	2 ·1 27·1	27.1	20.1 27.1	20.1	20.1
≥ 1200 ≥ 1000	, 1	79.2	3 .2 36.5	30 • 7 39 • 4	31.3	31.3 79.6	31 • 3 39 • 6	31.3 39.6	31.4	31.4 39.7	31.4 39.7	31.7 39.9	31.7 39.9	31.7 39.9	31.7 39.9	31.7
≥ 900 ≥ 800	5.9	40.6	39.4 42.4	4 . 3	41.4 45.8	41.6 45.9	45.6	41.9 46.7	42. 46.8	42.0 46.8	42.5 46.8	42.2 47.1	42.2 47.0	42.2 47.0	42.2 47.0	42.2
≥ 700 ≥ 600	? .)	42.4	44.4	46.9	57.1	48.6	51.7	49.3 51.1	49.4 51.2	49.4 51.3	49.4 51.3	49.7 51.6	49.7 51.6	49.7 51.6	49.7 51.6	51.6
≥ 500 ≥ 400	7.2	46.8	51.7	53.8 55.	56.6 59.0	57.6	63.1	65.1	60.6	66.9	67.4	67.8	61.1	61.1	68.8	69.1
≥ 300	0.7	47.6 47.6	52.7 52.7	56.1 56.1	61.4 61.6	52.2 62.3		69.1 70.1	71.1	72.8	74.3	74.9	76.8 81.6	78.6	87.9	89.8 89.8
≥ 100 ≥ 0	9 · 3	47.6	52.7	56.1	61.6	62.3 62.3		70•1 70•1	72.3 72.3	75.2 75.2	78.1 78.1	79.1 79.1	84.1	88.7	93.4	98.2 L78.C

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GI TRAL CLIMATHLOGY MIARCH UN STETAC AIR LEATH W SERVICEZMAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

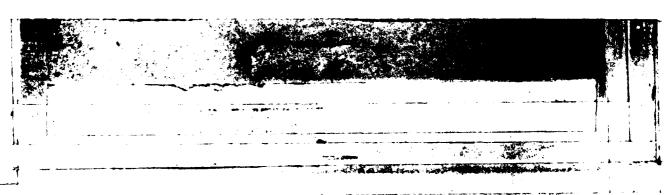
7,10-2500

CELLING							VIS	BILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	≥11;	≥1.	≥1	≥	≥ `•	≥ ,	≥ 5 16	≥ .	≥c
NG (EILING ≥ 20000		• .	" ti	3.4	3.1	Ž • 4	7 4	7.4 7.7	7 7	2.4 3.7	?•¢ 3•7	2.4	2.4	2 • 4	2.4 3.7	2 • 4i 3 • 7
≥ 18000 ≥ 16000		7	- 4	. 4 . 4	3.7 3.7	3.7 3.7	7.7	7.7 7.7	3.7 3.7	3.7 3.7	3.7 2.7	7.7 3.7	3.7 3.7	3.7 3.7	3.7 3.7	7.7 3.7
≥ 14000 ≥ 12000		· . 4	7.6 3.6	″•6 3•6	7.1	3.0 3.0	7 . 9 7 . 8	7. p.	7.1	3 • E 3 • E	3.8 7.9	3.8 3.8	3.8 3.8	3.8 8.2	7.8 7.8	3.8 3.8
≥ 10000 ≥ 9000		7.	4	ts •	4.0 4.2	4 • 2 4 • 2	4 • C	4.0 4.2	4 • ? 4 • ?	4.2 4.2	4.2	4.2 4.2	4.2 4.2	4.2	4.2	4.2
+ 9000 - 7000		9.1 0.1	ίι • ? ε _ε γ	4.3 4.3	4 • (4 • E	4.6 4.6	4 • 6 4 • 6	4.6 4.6	4.7 4.6	4.6 4.6	4.6	4 • 6 4 • 6	4 • 6 4 • 6	4.6 4.6	4.6	4.6
5000 5000		6 • 1 4 • 4	(; • ₹ 4 • 7	9.3 4.7	4.6	4 • 6 4 • 5	4 • (4 • 2	4.€ 4.9	4 . f	4.6 4.9	4.6	4.6 4.9	4.5	4.5 4.9	4.6	4.6 4.C
л 45н 1 4.КК		ti .	u ·	4.3	5. ⊋.3	5 .	6.2	5•3 <u>6•2</u>	5. 6.2	. 5•′ 6•2	€.2	5.0 6.2	5.0 6.2	5•0 6•2	5.0 5.2	5•5 6•2
2 150k 2 000u		. 7 3		6.5 8.7	7.1 9.0	7.1 £.9	7.1	7.1 2.9	7.1	7.1 <u>8.</u> 0	7•1 8•9	7•1 3•9	7.1 8.9	7 • 1 8 • 9	7.1 8.9	7•! 8•9
2500 - 2000		لأفتني	1 .7	1 • 2 1 3 • 4	1 .4	1:.4 13.7	1 •6 13•3	11.6	10.0	10.0 14.1	11.7	11.0 14.2	11.0 14.2	11.0 14.2	11.7 14.2	11.7 14.2
- 800 - 500		13.7 13	10.0	14.0 10.6	14.2 2).r	14.2 20.0		14.3	14.6 20.3	14.6	14.8 20.6	14.8	14.8 29.6	14.8 20.6		
: -20i : -1000	7. 1	? • 3	24.4	∩5•3 33•.	25.1 34.1	75.9 34.1	34.4			26.4 34.8	26.7 35.0	26.7 35.0	26.7 35.0	26.7 35.1	35.0	26.7 35.11
900 2 8 00	4.	71. 33.8	33.2 36.7	35 • 6 39 • 0	35.7 43.1	36.8 41.2			37.4 41.3	37.6 41.4	37.8 41.7	37.8 41.7	37.8 41.7	37.8 41.7		37.8 41.7
≥ 700 ≥ 600	• 6 • <u>•</u> • 5	38.3	30.1 42.0	41.8 44.8			47.6	44.4	44.5	44.9 49.6	45.1 48.8			45.1 46.8		45.1 48.8
: 500 : 400	5.	41.4	47.4	48 • . 5 • 8		56.4	59.2			56.0 63.8	56.3 64.4	56.3 64.8	65.3		66.2	56.9 66.6
2 300 2 200	5 • ·	41.9	49.4		57.0 58.2	58.8	62.4	(6.1	68.9		7^•7 74•7	71.2 75.6			86.1	80.2 90.1
) - 30 (41.9	48.4 48.4		Ī	59.3 59.3		66.1	68.9			76.4 76.4	80.1 80.1			96.3 1-0.3

TOTAL NUMBER OF OBSERVATIONS____

900

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRET



GE THE CUITY TOLOGY OF ANCH USAFETAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

610-0600

	li:No							VIS	IBILITY ST	ATUTE MIL	ES.						
	F£*	≥10	≥6	≥ 5	≥ 4	≥3	≥2.	≥ 2	≥177	. ≥1.	≥1	2 .	5 ,•	≥ ;	≥ 5 16	٤.	≥0
	EIDNID 20000	7	7	, ,	1.7	7.5	2 • 4 2 • 3	? • 4 ^ • 0	•4 ?•{	?•4 ?•a	2.4	7.4 2.8	2.4 2.8	2•4 2•^	2.4 2.8	2.# 2.8	2.4
	0008° 6000	,	7 • 7 - • 7	7	7•7	3.ε 2.ε	2•9 2•9	ે • ે ગ ઘ	1. 0 0•5	? p	2.8 2.8	2.8 2.8	2.8 3.8	?•8 ?•8	3. 3.	₹•0	3.0 3.0
	14000 12000	•	ि • । । ।	, ,	?•€	3.0	2 • 9 3 • 9	7.5	?•° ?•€	3.1	₹.5 3.0	3.•£	2.9 3.3	7.9 3.7	3.1 3.2	3.1 3.2	3.1 3.?
≥	3066 URKM	• •	· 3			3. ~	3.6 3.7	3.6 3.7	3• C 3• 7	7.4 7.7	3.+ 3.7	3.5 3.7	3.6 3.7	3.6 3.7	3.8 3.9	3 • 8 3 • 9	3.8
<u> </u>	9 XXC 75/16 	•		7.5	3.0 4.0	· • •	4.7	4 • 1	4.7		4 • 1	4.1	4.1	4.3	4.3	4.5	4.6
	5000 5000	i. +	• · · · · · · · · · · · · · · · · · · ·	4 •	1: •	4.7	4.0 4.2		4.3	4.7	4.3	4.7	4.3	4.3	4.5	4.6	4.5
	4500 4500	141 14 • •	5 • 7	0.0	4 • 3	4.7	4 • 6 6 • 3	6.1	4.7 <u>^.1</u>	4.7 6.1	4 • 7 6 • 1	4.7 f. 1	4.7 2.1	4.7 5.1	6.3	4.9 5.3	6.3
	7500 F XXC 	5.7	- 4	′ • າ			17.2	9.7 10.3	7•1 !7•4	8.1 10.4	8 • 1 10 • 4	5.1 10.4	1 .4	9 • 1 10 • 4	8.3 10.7	9•3 1~•7	8.3 10.7
	2000 2000 ———	· · · · ·	1 . 3	17.7	15.7		12.8	17.7	17.2	17.7	17.3	13.1 17.3	13.1 17.3	13.1 17.3	13.3 17.7	13.3	13.3
:	800 1500 	• • •	7 3	27.4	17.3 27.4	24.7	10.1	24.1	10.3	18.4 24.3	18 • 4 24 • 3	18.4 24.3	18.4	18.4 24.3	18.8 24.7	18.8	18.8
:	200 1000	• 1	77.3	31.1	29. 33.7	29.9 35.1	?9.9 75.1	30 • ₹ 35 • ₽	30.4 35.9	30.5	30 • 6 36 • 0	30.6 36.0	30.6 36.0	30.6 36.0	30 • 9 36 • 3	37.9	36.4
2	900 800	1 . 4	3: • O 32 • 6	33•1 35•7	34 • 8 37 • 3	36.7 30.7	76.2 79.3	37.7 40.7	37.1 47.4	37.0 47.6	37•2 4:•6	37.2 40.6	37.2 4.6	37.2 40.6	37•6 45•9	37.4 40.9	37.7 41.
<u> </u>	700 600	- 2	3′•1 37•6	30.3		43.0 46.2	43.0 46.8	44.1	4 . 7	44.3 48.8	44.3	44.3 48.8	44.3 48.8	44.3 48.8	44.7	44.7	44.8
2	500 400	10.6	4 - 3	45.1 48.0	47.0 50.9	52.7 56.3	53.4 57.6			57.9 63.3	57 • 1 64 • 1	57.2 64.7	57.3 65.3	57.4 65.6	58 • 1 66 • 4	58.2 67.1	58.4 67.6
	300 200	12.6	42.3	42.8	51.7 51.9		9.7		57.4		71.1	71.3 74.3	71.9 75.2	73.3 78.0	76.7 81.3	78.8 86.7	89.5
<u>:</u>	9	13.5	42.8 42.8	48.8	51.9 51.9	58.7 58.3	59.7 59.7	67.3	0 • 7	69.3	71.1	74.7	75.6 75.6	79.1 79.1	83.6 83.7	90.1	57.4 100.0

OTAL NUMBER OF OBSERVATIONS.....

970

USAF ETAC 1064 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE CREOL



CLOFAL CLIMATOLOGY REAMCH BY AFETAC ATT AFATH & SERVICEZZAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

90<u>0-1100</u>

CEILING							VIS	IBILITY STA	ATUTE MILI	ES.						
· FEE' ;	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2,	≥ 2	≥ 172	≥1.	≥1	≥	≥`•	≥ :	≥ 5 16	٤ .	≥0
NO CEIUNG ≥ 20000		7.4	7 7	7 4		? • 3	?.1	7.4	7. 7	7.3	3.7	3 - 3	7 • 3 3 • 4	3.3	7.4 3.6	3.4 3.5
≥ 18000 ≥ 16000		. . 4	7 . 4	7.4	₹.4 3.4	3.4 3.4	7.4 3.4	7.4 7.4	7. u	3 • 4 3 • 4	₹.4 ₹.4	3.4 7.4	3.4 3.4	3.4 3.4	3.5 _3.6	3 • 5 3 • 6
≥ 14000 ≥ 17000	7	 3 • 4	7.4 7.4	7.4 3.4	- i	3.4 3.4	7.4 3.4	3.4 7.4	7.4 3.4	3.4 3.4	3.4 3.4	3.4 3.4	3 • 4 3 • 4	3.4 3.4	3.6 3.6	3.6 3.6
≥ 10000 ≥ 9000	. 4 . 4	2.6 7.6	7.8 3.8	3.6 3.6	3.6	3.0 3.6	3.5	7.6 7.6	7.6 3.6	3.6 3.6	3.5 _3.6	3.6 3.6	3.6	3.6	3.7 3.7	3 • 7
≥ 8000 ≥ 7000	3.	4.1	4.7	4 . J	4.7	4.0 4.i	4.7	4.5 5.1	4.1	4.7 4.1	4.7	4.0	4.7	4.7	4-1	4.1
≥ 6000 ≥ 5000	7	4.4	4.4 0.5	() . () () . ()	4.8	4.0	4.3	4.8	4.4	4 . 4 4 . 8	4.4	4.4	4.4	4.4	4.6	4.6
2 4500 2 4000		¹•6 	7.9	5 • € 7 • 4	7.4	7.4	5.6 7.4	7.7	5.6 - 7.7	5.6 7.7	5.6	5 • 6	5.6 7.7	7.7	7.8	5.7 7.8
≥ 1500 ≥ 3000	- 6	0.3	9.4 1.8	1:.9	11.0	9.6 9.0	9.6 12.3	1104	9.8 11.1	9.S	11.1	°.8	9.8 11.1	11.1	9.9	9.9
2500 2000	بنيا	13.4 16.5	13.7	13.8	13.0	13.9	17.2	14.1	14.1	14.1	14.1 17.4	14.1	14.1		14.2 17.6	17.6
2 1500 2 1500	17.	17.9 27.4		1° • 2 24 • 1	24.3	18.3 24.3	24.3	13.6 24.6	18.6 24.6	18.6 24.6	18.6 24.6	18.6 24.6	18.6 24.6	18.6 24.6	19.7 24.7	18 • 7 24 • 7
≥ 1000	2.	27.7 70.1	28.2	28 • 4 33 • 4	34.2	78 • 8 74 • 4	29 • 1 34 • 9		29.3 35.1	29.3 35.1	29.3 35.1	29.3 35.1	29.3 35.1	35.1	35.2	29.4 35.2
≥ 800	25.3	33.7 36.4			35.0 40.3	36.1	37 • 7	17.2	37.2 42.1	37.3 42.1	42.1	37.3 <u>42.1</u>	37.3 42.1	42.1	42.2	37.4 42.2
≥ 700	2 • 6 26 • 1	4 .8	42.9	44.0	46.6	43.7		49.4	45.3 49.6	49.9	45.4	45.4			45.6 5[.2	50.2
≥ 500	26.7 27.1	44. 46.1 47.1	46.9 49.7 51.4		57.4	53.4 58.8		64.2	56.7 64.9 71.4	66.2		57.0 67.9 78.3	68.7	69.1	69.7	69.8
2 300 2 200 > 100	27.2	47.1	51.4 51.4	53.9	63.8	62.2	66.8	79.7	72.1	75.9	80.6		85.8	87.8	91.0	92.6
≥ 190 ≥ 0	27.2		51.4			62.2 62.2		1	72.1 72.1	76.0 76.0			ľ		}	100.0

TOTAL NUMBER OF OBSERVATIONS...

100

USAF ETAC 101 M 0-14-5 (OL A) PREVIOUS SOPTIONS OF THIS FORM ARE OSSICLE

GL-FAL CLIMATOLOGY PRANCH USAFETAC ALE WEATH'S SERVICEZMAC

STELLA ATE AK

CEILING VERSUS VISIBILITY

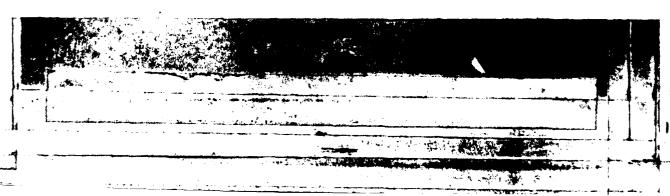
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1700-1400

CEILING							VIS	BILITY ST	ATUTE MIL	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥ ?	≥1';	≥1'4	≥1	≥ ¼	≥ '•	≥ ,	≥ 5 16	≥ .	≥0
NO CEIUNG ≥ 20000		4.0	4 • 1	4 • 1 4 • 3	4.1 11.7	4 • 1 4 • 3	4 . 1 4 . ₹	4 • 2 4 • 4	4 • ? t; • ti	4 • 2 4 • 4	4.2	4.2	4.2	4.2	4.2	4.2
≥ 18000 ≥ 18000	4.7	4.7	4 • €	4 • 8 4 • 3	# ይ ተ * ይ	4.7 4.8	4 ° 6	4.9 4.9	4 4	4.9 4.9	4 • € • • •	4.9 4.9	4.9	4.9	4.9 4.9	4.9
≥ 14000 ≥ 12000	'1 • 1 '3 • 1	4 • 8 4 • 3	/1 ្ន ក្	4. €	4.0	4.9 5.€	4 • 9 ∃ • □	5.0 5.1	5 • 1 5 • 1	5 • C 5 • 1	5.1	5.0 5.1	5.0 5.1	5.7 5.1	5.1	5.1
≥ 10000 ≥ 9000	11 • 2	ິ. "•⊇	- 4	5.2 5.4	5.2 5.4	5 • 2 5 • 4	5 • 7 5 • 4	5.3 5.6	5.7 5.6	5 • 3 5 • 6	5 • 3 5 • 6	5.3 5.6	5.3 5.6	5 • 3 5 • 6	5.3 5.6	5.3 5.6
≥ 8000 ≥ 7000	5 • 7 5 • .	7.2 8.0	7 • 4 : , p	7 • 4 2 • 8	7.4 2.8	7.4 8.8	0 Q		7.6 9.0	7.6 9.~	7.6 7.	7.6	7.6 9.0	7.6 9.6	7.6 9.7	7.6 9.0
≥ 6000 ≥ 5000	6 • ·	9.7	1 .	ય.9 1∴.ડ	8.0 10.0	8.5 10.0	9.9 17.7	0.1 16.7	9.1 10.2	9.1 16.2	9.1 10.2	9.1 10.2	9.1 10.2	9.1 10.2	9.1 10.2	9.1 10.2
≥ 4500 ≥ 4000	2 • 1 0 • 5	13.4	13.0	1' • 3 13•J	1 .7 13.7	10.3	17.3	1.7.6	10.6 13.2	10.6 13.2	13.5	13.6 13.2	10.6 13.2	10.6 13.2	13.2	10.6
2 3500 2 3000	1.0	14.3	15.7	15.0 15.3	16.4	15.0	15.1	15.3	15.3 16.8	15.3 16.8	15.3 16.8	15.3 16.8	15.3 16.8	15.3 16.8	15.3 16.8	16.8
2500 2000	17.1	19. 22.4	23.2	19.7 23.2	19.8 23.3	19.8	23.4	23.7	27.1	20.1	20.1 23.7	20.1	27.1	20.1	20.1 23.7	20.1 23.7
2 500	1 . 7	27.7	27.3	24.4	29.6	24.6			24.0 29.0	24.9	24.9	24.9	24.9	24.9	29.9	24.9
2 1200	2 • 3 2 • • 4 25 • 2	37.8 37.8	34.7 39.9	34 • 7 4 • 0	35.0 40.7	35.0	41.4	35.7	35.7 41.P	35.7	35.7 41.8	35.7 41.8	35.7 41.8	35.7 41.8		
≥ 900 ≥ 800	25.2	41.7	44.4	42.2 44.9	43.4	47.1	49.	44.7	44.7	44.7	44.7	48.3	44.7	44.7	48.3	48.3
≥ 700 ≥ 600	27.8	46.	49.4	50.1	49.6 52.3	49.9 53.0		51.4	51.4 55.3	51.7 55.6	51.7 55.6	51.7 55.6	51.7 55.6	51.7 55.6	51.7 55.6	51.7
≥ 500 ≥ 400 ≥ 300	27.8	5: 1	57.6 55.2	54.6 58.3	58.7 62.9	58.9	67.1	68.7	69.8	62.8 70.7	71.4	71.7	72.1	63.C 72.3	63.0	72.7
≥ 200	28.8	51.1	57.1 57.1	60.2 60.2	66.9	68.4	72.3	76.2 77.4	77.9	81.1	87.	84.6	85.9 90.1	91.8	93.8	
> 100 > 0	28.8	51.1	57.1	6 - 2	66.9	68.4	73.1 73.1	77.6	79.6 79.6		87.4	87.8 87.8	97.7	92.9	96.2 96.2	98.7

TAL NUMBER OF COSSRYATIONS 900

USAF ETAC 101 0-14-5 (OL A) PREVIOUS SOTTIONS OF THIS FORM ARE ORDGIT



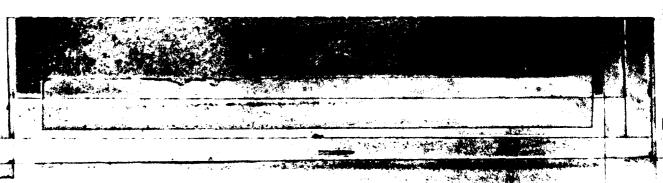
GLOBAL CLIMATOLOGY STANCH USAFFTAC ATT WEATHTR STRVICT/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100B (5700

CERUNG							VIS	BILITY STA	ATUTE MILI	ES						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 ?	≥ 2	≥1′2	≥1%	≥1	≥ ¼	≥ ′⁄s	≥ '7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	4 . 2 c . 4	.: 3 .: 3	5.7 6.1	ó.	6 5.4	6.4	5 . 3	6.3 6.3	6.8	6 • 3 6 • 8	6.3 6.8	6•3 6•8	6 • 3 5 • 8	6.3	6.3 6.8	6 • 3 6 • 8
≥ 18000 ≥ 18000	4 - 3	6.1 6.1	6 • 4 6 • 4	6 • 8 6 • 8	6.8 6.8	6 • 8 6 • 8	7 • 1 7 • 1	7.1 7.1	7 • 1 7 • 1	7.1 7.1	7.1 7.1	7.1 7.1	7.1 7.1	7.1 7.1	7 • 1 7 • 1	7 • 1 7 • 1
≥ 14000 ≥ 12000	5 • 2 5 • 3	(•5 6•8	6.9 7.1	7.2 7.4	7.2 7.4	7.2 7.4	7 • 6 7 • 8	7•6 7•8	7•€ 7•8	7.6 7.8	7.6 7.8	7•6 7•8	7.6 7.8	7.6 7.8	7.6	7.6 7.8
≥ 10000	5 • C	7. 7.3	7.3 7.7	7.7 S.	7.7 5.5	7.7 8.3	9.1 3.3	8•∂ <u>8•</u> 3	8 • ° 2 • 3	8.0 8.3	8.0 8.3	3.0 8.3	8.0 8.3	8 • 0 8 • 3	8.7 8.3	8.7
≥ 8000 ≥ 7000	2.4	5 • 8 5 • 5 • 5	9.1	0.4 10.8	9.4 13.8	9.4 10.8	9.8 11.1	9.8 11.1	9.¤ 11.1	9.8 11.1	9.8 11.1	9.8 11.1	9.8 11.1	9.8 11.1	9.8 11.1	9.8 11.1
≥ 6000 ± 5000	7•7 7•7	1 . 3	11.	11.1	11.5	11.1	11.4	11.4	11.4 12.7	11.4	11.4 12.2	11.4 12.2	11.4 12.2	11.4 12.2	12.2	11.4 12.2
≥ 4500 ≥ 4000	Р. Э. п	11.4 14.3	11.7	12.2 15.1	12.7 15.1	12.2 15.1	12.6 15.4	12.6 15.4	17.6 15.4	12.6 15.4	12.6 15.4	12.6 15.4	12.6 15.4	12.6 15.4	15.4	12.6 15.4
2 3500 2 3000	12.	1 7	17.2	17.6 19.8	17.6 19.8	17.6	17.9 20.2	17.9 20.2	17.9 20.2	17.9 20.2	17.9 20.2	20.2	17.9 20.2	17.9 20.2	20.2	17.9 20.2
≥ 2500 ≥ 2000	15.7	27.2 26.3	2?•° 26•9	23.1 27.2	27.3	27.3	23.7 27.8	23.7 27.8	23.7 27.8	23.7 27.8	23.7	27.8	23.7 27.8	23.7 27.8	27.B	23.7 27.8
2 1500	2•.	27.7 32.6	28.2 33.6	33.9	34.0	28.7 34.0	34.4	29.1 34.4	29 • 1 34 • 4	29.1 34.4	20.1 34.4	29.1 34.4	29.1 34.4	29.1 34.4	29.1 34.4	29.1 34.4
≥ 1000	25.6	38.3 42.6		4 • 2	4 6 3	40.6 46.6	41.1 47.2	47.2	41.3	41.1 47.2	41.1 47.2	41.1	41.1 47.2	41.1 47.2	47.2	41.1
≥ 900 ≥ 800 > 700	29.6	43.0	45.8 49.4	46.2	50.6	47.9 51.1	48.6 51.8 54.4	48.6 51.8 54.6	48.6 51.8	48.6 51.8 54.7	48.6 51.8 54.7	48.6 51.8 54.7	48.6 51.8	48.6 51.8	48.6 51.8	48.6 51.8
≥ 600	28 .8	47.0 5.0	50.7 54.7	51.6 55.1	53.2 57.1	53.8 57.8	58.9	59.1	54.7 59.2	59.6	59.6	59.6	54.7 59.6	54.7 59.6	54.7 59.6	54.7 59.6
≥ 500 ≥ 400 ≥ 300	30 • 3	54 55.9 56.8	59.4 62.7	61 • i 64 • 7	64.4 69.4	65.3 73.7 73.6	66.9 73.3 78.8	67.6 74.3	67.9 75.2 82.4	68.4 76.7 84.7	68.8 77.6 87.1	68.8 77.8 87.6	68.9 78.2 88.8	69.0 78.3	78.6	69.2 78.6 90.8
2 200	30.4	57.2	64.9			74.7		83.2 83.2	84.7		91.3	92.0	94.6 95.0	96.1	96.9	97.6
2 0	3° • q		64.9	67.3	73.7	74.7	8).4	83.2	84.7	87.2	91.6	92.2	95.0			100.0



GLIFAL CLIMATICEOGY REANCH GRAFFTAC AIT WEATHER STRVICEZMAC

SHENYA AFR AK

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

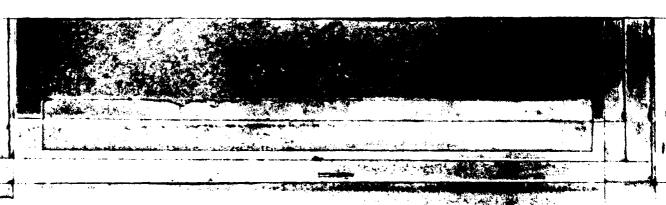
1809-2000

CEIUNG .							VIS	IBILITY STA	ATUTE MIL	ES						
FEE'	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ′	≥ ?	≥1:	≥1.	21	≥ '₄	≥ '•	≥ '7	≥ 5 16	2.	≥0
NO CEILING 20000	3 • `	υ.ς 5.•4	: . 1 5 - 7	5.7	5.7	°•1	7.4 6.	5.4	5.6 6.	5.4 6.€	5 • 4 6 • \	5.4 6.0	5 • 4 5 • 17	5 • 4 6 • 7	5.4 6.0	5.4 6.∴
≥ 18000 ≥ 16000	4 •	° - α • - ε	6.0 5.7	6 • ∪ 5 • ⊖	6.°	ს•ີ ۥ^	6 • 3 6 • 3	5.3 5.3	6 • 3 6 • 3	6.3	6.3 6.3	ნ∙3 5∙3	6.3 6.3	6 • 3 6 • 3	6.3 6.3	6.3 6.3
≥ 14000 ≥ 12000	4 • 1	5.8 5.9	λ. ? δ. 1	5.0 5.1	6 n 6 1	6.3 6.1	5 • ¥	r.3 5.4	6.4	6.3 6.4	6.4	6.4	6.3 6.4	6.3 6.4	6.3 6.4	6.3 6.4
≥ 10000 ≥ 9000	4 • 1	€ • 1 □ • 1	۶. ۲ ۲. ۲	5 • 3 5 • 3	6.7 6.3	6 • 3 5 • 3	5 • 7 6 • 7	5.7 5.7	6.7 6.7	6•7 6•7	5.7 6.7	6.7 6.7	6.7 6.7	6 • 7 6 • 7	6.7 6.7	6.7 6.7
≥ 8000 ≥ 7000	• 5 • 6	?•	7.6	7.6	7.1	7.6	7.9		7.°	7.9 9.6	7.9	7.9	7.9 9.6	7.9 9.6	7.9 9.6	7.9 9.6
≥ 6000 ≥ 5000	7.0 2.4	1 • 7	1 . 0	1 1.1	1 1.7	'0•1 1⊥•9	10.4	11.2	17.4	11.2	11.2	10.4	10.4		11.2	13.4
≥ 4500 ≥ 4000	ت ن	11.7	17.	11.6 13.8	11.6	11.6	14.1	14.1	11.5	11.0	14.1	11.9	11.9	11.9		11.7
2 3500 2 3000	13.	14.7 17.6		14.7 17.9		14.7	15.7	17.2	15.0	18.2	18.2	13.2	18.2	18.2	18.2	15.0 18.2
≥ 2500 ≥ 2000	15.	2 • 7 2 ° • 8	26.3	21.2 26.7	21.3 26.8	71.3 76.8	21.0	27.2	21.9		27.2	21.8 27.2		27.2	27.2	27.2
2 1800 ≥ 1500	32.	26.8 32.4	33.0	27.7 33.3		27.8 33.9	28.7	74.7	28.2 34.7	34.7	34.7	28.2 34.7	29.2 34.7	34.7	34.7	34.7
≥ 1200 ≥ 1000	75.2	38.1 42.1	3°. 43.6		45.8	46.3	41.7		41.3	47.2	47.2	41.3		47.2	47.2	47.2
≥ 900 ≥ 800	28.2	42.9	46.3	45.4	49.3	47.4 52.0		51.2	48.6 51.2	51.2	51.2	51.2		51.4	48.6 51.4	48.6 51.4
≥ 700 ≥ 600	30.1	50 .9	5 7 . 3	55.6	58.2	59.0	55.4 60.2	60.7		55.8			55.9 61.0	61.1	56.7 61.1	61.1
≥ 500 ≥ 400	1.2 31.7	55.7	6 .?	63.9	69.4	65.6 70.4	73.3	74.6	68.3 75.2	76.1	76.7	76.8	77.4	77.7	78.0	69.6 78.0
≥ 300	31.7 31.8	56.2	62.3	65.6 66.1	73.6	73.7 74.6 74.6	78.2	8 7.7	87.7 82.7	84.4	86.9	83.9 87.6	99.7		95.2	95.4
> 100 ≥ 0	31.8	56.6 56.6	(74.6				L	1	88.0			98.7	

NUMBER OF ORSERVATIONS 900

USAF ETAC INI M 0-14-5 (OL A) PREVIOUS CONTROLS OF THIS FORM ARE CONCRET

 C_{i}



CLOPAL CLIMATOLOGY SPANCH UCAFETAC Ale Frath C SCRVICTZAAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

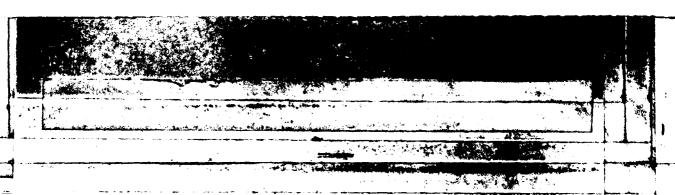
21,0-2300

CEUING							VIS	IBILITY IST	ATUTE MILI	ES-						
FEET	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1%	≥1%	≥1	≥ ¼	≥ '⁄a	≥ '′2	≥ 5 16	≥ ′₄	≥0
NO CEILING ≥ 20000	7.4	1.07 4.7	7 . 7 4 . 7	4.7	0.7 4.7	4 • 2 4 • 7	4.7	4.2	4 • ? 4 • 7	4 • 2 4 • 7	4.2 4.7	4 • 2 5 • 7	4 • 2	4 • 2 4 • 7	4 • 2 4 • 7	4 • 2
≥ 18000 ≥ 16000	- 4 - 3	5•3 5•2	5 o 2	5.0 5.2	5 • 2	5 n 5 2	5.7 5.2	5.1 5.2	5 • ! 5 • 2	5.U 5.2	5. J	5 • C 5 • 2	5 • n 5 • 2	5 • º	5.2	5.7 5.2
≥ 14000 ≥ 12000	3. T	5•2 5•2		「•2 -5•2	5.2 5.2	5.2 5.2	5 • 2 5 • 2	5.2 5.2	5.2 5.2	5.2 5.2	5•2 5•2	5•2 5•2	5 • 2 5 • 2	5 • 2 5 • 2	5.2 5.2	5.2
≥ 10000 1 ≥ 9000	4.3	5•0 5•0	5.° 5.5	5 • 9	5.E 5.A	5 · 8	5 • 8 5 • 9	5.8 5.8	5.0 5.6	5 • 8 5 • 8	5.8 5.8	5.8 5.8	5 • 8 5 • 8	5.8 5.8	5.8 5.8	5.8
≥ 8000 ≥ 7000	4 • 7	0•⊓ 7•7	7.5	5.0 2.0	6.n 7.n	6.7 7.3	7.0	5.0 7.0	6 • · ·	6.9 7.0	5.0 7.0	6 • □ 7 • □	7.3	6.0 7.0	7.0	6.0 7.5
≥ 6000 ≥ 5000	<u>.</u> 5	7 • 8 8 • 6	7.9 3.7	7.€ 8.7	7.8 9.7	7•3 8•7	7 . 8 8 . 7	7.8 2.7	7.8	7 • 8 8 • 7	7.8 8.7	7.8 8.7	7 • 8 8 • 7	7.8 8.7	7.8 8.7	7.8
≥ 4500 ≥ 4000	5 • 3 7 • 8	8.7 11.1	5.9 11.1	2.8 11.€	۶.۶ 11.8	8.8 11.8	3.6 11.8	, ,	8.8 11.8	8.E 11.8	8.8 11.8	8.8 11.8	8 • 8 11 • 8	8.8 11.8	8.8 11.8	8.8
≥ 3500 2 3000	î. ∂.9	11.9 13.7	17.3	12.6 14.6	12.6 1.6	12.6	12.6	12.6	12.6 14.6	12.6 14.6	12.6 14.6	12.6 14.6	12.6 14.6	12.6	12.6 14.6	12.6 14.6
≥ 2500 ≥ 2000	1 .9	16.7	17.1 22.4	17.3 22.7	1/.7	17.3	17.3 22.7	17.3	17.3 22.7	17.3 22.7	17.3 22.7	17.3 22.7	17.3 22.7	17.3 22.7	17.3 22.7	17.3 22.7
≥ 1800 ≥ 1500	15.1	22•9 26•4	27.4	23.9 30.0	23.9	23.9	23.9 30.2	23.9 30.2	23.9 30.2	23.9 30.2	23.9 30.2	23.9 31.2	23.9 30.2	23.9 30.2	23.9	23.9 30.2
≥ 1200 ≥ 1000	∂1•4 24•	33.6 30.6	1 1	35.6 42.4	1	36.0 43.2	36 • 1 43 • 9	36.1 43.8	36.1 43.8	36.1 43.9	36.1 43.9	36.1 43.9	36.1 43.9	36.1	36.1 44.0	36.1 44.0
≥ 900 ≥ 800	24 • 3 25 • 7	4.4	,	43.3		48.6	45.7	45.0	45.0 49.6	45.1 49.7	45.1 49.7	45.1	45 • 1 49 • 7	45.2	45.2 49.8	45.2
≥ 700 ≥ 600	26•2 26•7	45.9		49.9 52.1	51.3 54.1	51.7 54.4	52 • 8 55 • 7	52.8 55.9		52.9 56.0	-	52.9 56.0	52.9 56.0	53.1 56.2	53.1 56.2	53.1 56.2
≥ 500 ≥ 400	27.1 27.3	5°.7	54.3 56.1	57.((59.1	60.6 63.6	• .	63.1		63.8 68.7	64.1 69.9	64.2 70.7	64.2 70.7	64 • 4 70 • 9	64.8	64.9 71.8	64.9
≥ 300 ≥ 200	27.3	52•2 52•2		60.4			71.4		73.3 74.6		77.2 83.3	77.3 80.7	78 - 4 83 - 3	80.0 86.3	81.8 88.9	83.1 91.0
≥ 100 ≥ 0	27.3 27.3	52.2 52.2	57.1 57.1	60 • 4						76.9 76.9		81.2 81.2	84.7 84.7	89.2 89.3		97.6 100.J

TOTAL NUMBER OF OBSERVATIONS

901

USAF ETAC 101 40 0-14-5 (OL A) MEMOUS SOMIONS OF THIS POSM ARE OSSICUE



GLOPAL CLIMATOLOGY RMANCH USAFETAC ATM WEATHUR SERVICEZMAC

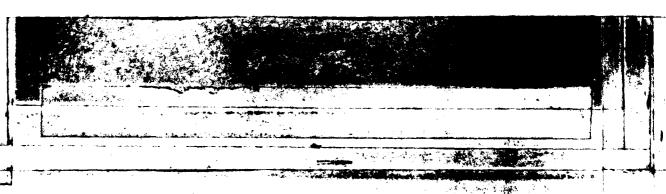
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES FEET ≥5 16 NO CEILING 4 . 4. 4.6 ≥ 18000 ≥ 16000 4.9 4 . A 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.6 4.3 4.0 4. 4.9 ≥ 14000 4.8 ≥ 12000 9.8 ≥ 10000 ≥ 9000 5 . 4 ે • 3 ≥ 8000 ≥ 7000 5. 6.2 6.2 6.1 6.2 6.2 6 . . 6.2 6.2 ≥ 6000 ≥ 5000 4500 3000 16.6 17.6 17.0 17.1 17.1 17.1 16. 16. 2500 16.7 21.2 21.2 21.2 21.2 21.9 1800 27.8 33.9 34.0 34.0 34.1 34.1 40.7 40.7 40.8 40.8 32.9 33.4 33.5 33.0 34. 1200 1000 40.0 4 .4 41.5 42.6 42.6 43.6 45.1 46.5 46.5 46.6 42.2 45.4 46.7 46.4 46.5 46.4 48.2 47.5 49.9 49.9 48.6 49.7 50.0 £ 3.5 53.9 57.6 58.3 60.3 61.1 61.5 61.9 62.0 62.1 62.2 56.8 61.7 62.7 65.7 67.4 68.3 69.3 70.0 70.3 70.8 62.4 500 53.9 64.8 66.1 70.2 73.6 75.4 78.0 81.5 65.6 72.5 58 . 2 64 . 4 78.3 78.7 83.3 81.8 83.6 84.6 200 82.2 85.3 87.8 97.6 92.6 70 - 7 70 - 7 64.8 66.1 64.8 66.1 73.7 75.5 78.1 82.1 82.8 86.6 90.2 75.5 78.1 82.1 82.8 86.6 90.2 94.71 G.C

TOTAL NUMBER OF OBSERVATIONS ______

USAF ETAC TULES 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET



CLOUAL CLIMATOLOGY PLANCH PLATETAC Ale + CATHER SIZVICT/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CELLING							VIS	BILITY ST.	ATUTE MIL	ES	·					
1 186.	≥10	≥6	≥ 5	≥4	≥ 3	≥2 7	≥ 7	≥1'>	≥1.	≥1	≥ :•	≥ '•	2 7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000) •	. 5	7	2.3	, . ? ?	2.5	7	7.7	? • 3 ? • 7	2 • 3 2 • 7	2.7	2.3	7 • 3 2 • 7	2.3	7.3 2.7	2.3
2 18000 ≤	1.0	7	7.7	2 • 7 2 • 7	7.7 2.7	2.7	³•₹ 2•₹	?.7 ?.7	2•: 2•7	2.7	0.7	2.7	2.7 2.7	2.7		2.7
≥ 14000 ≥ 12000	• •	2.9	7.0 2.0		?•? ?•?	2.9	, 9	7.0 7.9	2.0	2.0	2.0	2.9	2.9 2.9	2.9	2.5	2.9
≥ 10000 ≥ 9000		3.5	3.5 3.5	7.5	7.F	3.5	3. r	₹. F.	7. 3.5	3.5 3.5	3.5	3.5	3.5	3.5	3.5	3.5
≥ 8000 ≥ 7000	•	4.3 4.6	4.7	4.3	4.3	4.4		4.6 4.7	4.7	4 • 6·	4.7	4.6	4.6	4.6	4.6	4.4
≥ 6000 ≥ 5000	~ • ? •	4.5	4.5	4 • 5 4 • 8	4 F	4.6	1	4.F	4.0	4 • E 5 • 2	4 . g	L.9	4.9	4 • 3 5 • 2	4.9	
2 4500 2 4000	2.7	5 • 2 6 • 1	~ . î		5.2 (.7	5.3 6.5	5 · 5	5. T	5 . r	5•5 6•7	5.5 6.7	5.5 L.7	5 • 5 6 • 7	5 • ^c	5.6	5 • 6
2 3500 2 3000	? . ·	e 1	7.2	6.0 7.6	6.°	7.5	7.2 a.1	7•2 2•8	7.0 8.	7.2 á.C	7.2	7.2 E.J	7 • 2 5 • 0	7.2 8.0	7.3 8.1	7.3 8.1
≥ 2500 ≥ 2000		8.4 1:.8	*•6 11•?	11.7	0.5	9.1 11.8	9.4 13.	^ 4 • • •	C H	0.4 1/-	9.4 12.0	;.4 12.5	7.4 12.0	9.4 12.0	9.5	9.5
2 1800 2 1500	- 5	14.1	14.5	10.3 15.2	17.3	12.4		17.6 16.1	17.6	12.6 16.1	12.6 16.2	12.6	12.6 16.2	12.6	12.7	12.7
≥ 1200 ≥ 1000	5 • 0 5 • 6	17. 19.9	2 .8		18.7 22.7	18.8	19.7	1 0 . 4 2 2 . 8	22.9	19.5	10.6 23.0	19.6 23.0	19.6 23.1	19.6 23.1	19.8 23.4	19.8
≥ 900 ≥ 800	6. 1 5. 3	70.6	21.7	24.5	23.4 25.7	~3.5 ~5.9		24.2 26.6	24 • 3 26 • 7	24.3 26.7	24.4	24.4	24.6 27.1	24.6	25.1	75.1 28.5
≥ 700 ≥ 600	7. 1 	27.4	27.0 27.0	13 . 4	28.2	78.4		29.5 31.3	29.6 31.0		29.8 32.4	29.8 32.4	3 • 2 32 • 8	30.8	31.2	31.2
≥ 500 ≥ 400	7.6		30.7 36.5	34.6	47.2	77.3	45.5	46.3	40.4	40.6	41.2 50.6	41.2 50.6	41.7 51.7	42.9 53.2	44.7 54.8	44.0 55.2
≥ 300 ≥ 200	6	32.4 72.4		40.8 40.7	45.1 45.5	45.6	5 . 2 51 . 2	54.1 55.0	55.5 58.2	57.5 61.0	65.6	61.1	63.8 71.5	66.5 78.	71.1 85.4	71.5
≥ 100 ≥ 0	7.5 → 5	32.4 32.4	37.5	41.9	45.5	46.3	51.5 51.5	56.2 56.2	58.7 58.7	61.5	66.5	67.2	73.1 73.3	81.2	94.1	99.1

OTAL NUMBER OF OBSERVATIONS ______970

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS SERVICUS OF THIS POSIN ARE DESCRIPT

GETTAL CLIMATOLOGY REANCH UPSECTAC AT A CATHER STRVICEZMAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

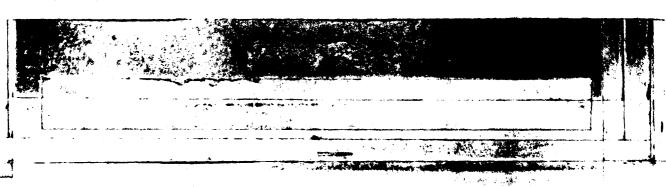
1300-05 D

CEUNG							VIS	IBILITY STA	ATUTE MIL	ES.						
FEET !	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 ,	≥ 2	≥11;	≥1 4	≥1	≥ '•	≥ '•	≥ ,	≥ 5 16	≥ .	≥0
NO CERPNO 1 20000		•		2.	`. ^	ĵ.		7• f	ĵ.,	2.F	7.1 7.0	2.0 2.0	2.0	2.0	2.U	2.7
≥ 18000 5000	•	• 3	• 1	2.2	3.7	2.2	2.7	7.2 7.2	3.0	2.2	7.7 2.2	2 • 2 2 • 2	2.2	2.2	2.2	2.2
≥ 14000 2 2000	1.	• 5	2 5	7.5	2.5	2.5	2 . K	2.5 2.5	2.5	2.5	2.5 3.5	2.5 2.5	2.5	2.5	2.5 2.5	2.5
≥ 100K	1.	7.0) • 7	2.7	2.7	2.7		2.8	2 · 8	2.8	2.9 2.9	2.8	2.8	2.5	2.9	2.8
≥ RUK' ≥ 7000	•	3.5	3.	3.7	₹.೧	3.7	3.4	7.4 4.1	3.4	3.4	7.4	3.4	3.4	3.4	3.4	3.4
> 6000 5000	1 •	3.7	7.0 3.0	3.9	3.0 4.0	3.9 4.2	4.6	4.3	4.5	4.3	4.3	4.3	4.3	4.3	4.5	4.3
4500		4.0	4.2	4.2	4.5	4 • 5 5 • 2	5.5	4.9 5.6	5.6	4.9 5.6	4.5	4.9° 3.6	4.9 5.6	4.0	4.0 5.6	4.9
150u 1500		4.7	3.€	· · · · · · · · · · · · · · · · · · ·	5.5 6.0	5 • 5 ن و ز	5.0 6.5	£.9 €.5	5.9	5.9	5.9 6.5	5.9	5.9 6.5	5.9 6.5	5.9	5.9
: 2500 - 2005	7.5	5.↑ '•2	19.3	5 • 6	7.1	7.1	7.5	7.5	7.0	7.5 13.0	7.5	7.5	7.5	7.5	7.5	7.5 10.0
. 80C - 500		11.4	7.1 11.9	9.5	1 .1	13.5		14.3	14.3	10.5	17.5	1 .5	17.5	10.5	10.5	10.5
2 1000 2 1000	7.1	14.6	1 . 4	16.2	17.3	17.4	17.8	19.2	18.2	18.2	19.2	13.3	18.5 20.5	18.5	18.5	18.5
≥ 900 ≥ 800	4.1	17.1	17.8	18.7 19.8	21.3	21.4		21.0	21.0	21.0 22.3	21.0	21.1	21.3	21.3	21.6	21.8
2 700 2 600	4.5 4.6	? .6	21.0	22.4	24.4	24.7 26.5	25.4	25.8 28.0	25.8	25.E 28.2	25.8 28.2	25.9 23.3	26.1	26.1 28.7		26.8
: 500 2 400	E • 7	23.4	25.9	28 • 1 32 • 4	31.	31.3	33.9	1	35.8 46.3	36.1 48.0	36.6 48.6	36.7	37.5 50.3	38.3 51.3		43.3 54.2
2 300 2 200	. 3	27•1 27•1	31. 31.0	34 • 5 34 • 5	41.2	!	47.4	51.3 53.4	53.2 55.7	56.0 59.1	58.8 63.9	59.6 65.3	63.4 71.1	66.2 76.5		72.6 85.7
> 10K	5 • 3	27.1 27.1		34.5 34.5	41.4	42.4 42.4				60.0 60.0	65.4 65.4	66.9 66.9			93•1 93•9	l f

TOTAL NUMBER OF OBSERVATIONS

931

USAF ETAC 101 M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



GLORAL CLIMATOLOGY MIARCH UNAMETAC ATH REATHER SERVICE MAC

SHEMYA AFT AK

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY ST	ATUTE MIL	ŧs.		`				
FEE:	≥10	≥6	≥ 5	≥4	≥ 3	≥2 ;	≥ ?	≥1',	21.	≥1	≥ %	≥ %	≥ 7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000		1.00) • "	1.9 2.0	1.5	1.0	1.7	1.9	1.0	1.0	1.0	1.9	1.9	2.0	?•2 2•3	2.2
≥ 18000 ≥ 16000	1.	2		7 • 2 2 • 2	2 . ? 2 . ?	2.2	2.2	7•2 2•2	2.7	2 • 2 2 • 2	2.2 2.2	2•2 5•2	2.2 2.2	2.3	2.4 2.4	2.4
≥ 14000 ≥ 12000	1.4	• 5		2 • 2 2 • 6	2.0	2•8 <u>3</u> 6	2.3	3 • 2 2 • 6	2•? 2•6	2.2 2.6	2.0 2.6	2•2 2•6	7.2 2.6	2 • 3 2 • 7	2.4 2.8	2.4
≥ 10000 ≥ 9000	1 •	7	, , , ,	2•7 2•8	2.7 2.8	2.7 2.8	2.9	?•?	7•º	2•3 2•9	,	2.8 2.9	2.8	2.9 2.0	7.0 3.1	3. c
2 8000 2 7000	î • i	3.7	3.7 	3.9 <u>4.3</u>	4.0	4.3	4."	4 . B	4.1	4 • 1	4 • 1 4 • 9	4.9	4.1	4 • 2 5 • 1	4.3 5.2	4.3 5.2
≥ 6000 - 5000		½ • 1	" • 1	4.4 5.3	4.6	4.0 5.5	5 . S	3.5	5.1	5 • 1 5 • 9	5.1	5•1 5•9	5 • 1 5 • 9	5 • 2 6 • C	5.3 _6.1	5.3 6.1
2 4500 2 4000	7.	<u> </u>	· • ?	r.4	<u>و د</u>	5.6	5.9	_5.4	6 • ·	۸.۰ 6.9	6.9	۰.۰ و.عـ	6.3 6.9	7.	6•2 7•1	6.2 7.1
2 1500 2 1000 2 2500	4	7 • 3	5.00 7.5	7.7	7.7	7.3 <u>2.3</u>	7.5	3	7 . K	7.6	7.5	7.6	7.6 8.4	7.7 8.5	7.8 8.6	7 • 8 8 • 6
2 2000	5.	10.2 10.2	6.4 1.5	2 • 8 11 • 2 11 • 9	9, 11,4 13,7	9.7	9.4	7.4	11.8	11.8	9.5 11.5	9.5 11.8	9.5	9.6 11.9		
± 1500	, 3	13.	14.1	11 • 9 14 • 8	1	12.2 15.2 17.7	17.6 15.8 13.4	10.6 16.0	12.7 16.1	12.7	12.7 16.1 18.8	12.7 16.1	12.7 16.1	12.8		
≥ 1000 ≥ 900	ာ <u>ဌ</u>	17.7	1			21.4		21.4	21.7	16.7 21.7 22.7	21.8	18.8 21.8 22.8	10.8 21.8 22.8	18.9 21.9	19.7 22.0	
≥ 800 ≥ 700	2.9	, ,	21.0	22 • 3 25 • 7		23.8		25.1	25.4 20.		25.6 29.2	25.6 29.2	25.6 29.2	22.9 25.8 29.5	23.0 26.3 31.0	26.6
≥ 600	11.4	23.5	23.5	77.2 31.8	/	75.2 74.8	30 3 36 5	30.6	,	31.2 39.1	31.3 40.0	31.3 40.0	31.3	31.5 40.9	1	70.4 32.7 43.5
≥ 400	17.1	25.9 31.2	-	36 • C	4 7 . 6	41.1	43.4	45.4	46.7	48.7	50.5 58.1	50.6 58.6	51.3 60.8	52.5	54.6	
2 200 2 100	1 . 1	31.2	34.5	38 • 1	43.9	45.3	49.4	52.4	54.8 55.2	58.4 58.8		63.7	68.3	74.4	82.4	98.8
≥ 0	13.	31.2	(38.1	43.0		49.4						69.8	1		

OTAL NUMBER OF OBSERVATIONS

AF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GE TAL CETAATHERRY O ANCH LOATETAC AT ATATHER SCHMICTAMAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

EIUNG							V15	IBILITY ST	ATUTE MIL	ES			·			
1 1861	210	26	≥ 5	≥4	≥ 3	≥2.	≥ 2	≥ (1)	≥1.	≥1	≥ :.	≥ ,,•	≥ 7	≥ 5 16	≥ .	≥0
740. (EIUN - 20000	6 . s	1.0	1.	1 • · · · · · · · · · · · · · · · · · ·		1.4	1.	1.4	1.7	1.4	1.0	1.4	1 • 4 1 • 7	1.4	1.5	1.5
≥ 18000 ≥ 6000	• 2	1.5	7	1.7	1.5	1 • 5 1 • 5	1 . 7	1.1	1 P	1.8	1 . s	1.8 1.8	1.8	2.	. • . . • .	2.2
≥ 14000 ± 2090		1 . t	1.0		1.0 2.0			2.5	1 · ·	1.9 2.0	1.0 2.0	1.9 2.0	1.9 2.9	2.2	2.3 2.4	2.3 2.4
\$ 5000 \$ 5000 \$ 10000	•			• 3	? • 4	2.4		7.4	2.4	2.4	2.4 2.4	2.4	2.4	2.6	2.7 2.7	2.7 2.7
9,000 2,7000	• •	- 4	7.	3.2 3.8	3.4 4.0	7.4 4.0	7.5	4.2	11 . S	3.5 4.2	3.5	3.5 4.2	3.5 4.2	3.R	4.5	3.9 4.5
: 6000 : 500c	-+	1 4 6 A	9.0	11 - 7	7.7	5.5	<u>ी</u> । । ।	9.8 5.0	4.0 5.4	5.4	4.0 5.4	4 • 8 5 • 4	5.4	5.1	5.7 5.7	5 • 2 5 • 7
2 4500 2 4000 2 1500	# # # # # # # # # # # # # # # # # # #	1.05		5.8	3.	7.0 7.0	3 . 7	4.7 7.4	5.2 7.4	5.7 6.2 7.4	5.7 6.2 7.4	5 • 7 6 • 2 7 • 4	5.7	5.9 6.5	6.F 5.6	6.0
2 000		7.2	7 F	3 0	3.7	3 S	7 - 2	7.5	9.6	9.2	9.6	0.2 9.6	7.4 8.2 9.6	7.6 8.4 9.8	7.7 8.5	7.7 8.5 9.9
200 800		1 . 3	11.1	1 5 1 1 1	11.5	11.5	11.7	1.2	1 2	11.3	11.3		11.3	11.5	11.6	11.6
± 1500	7.2		13.4	13.5	14.5	14.6	14.8	14.8	14.5	14.9	14.5		14.9	15.2	15.3	15.3
≥ 1000	17.2	17.8	2 . 3		.:2 • 4	?2.5		77.8	23.1	23.2	23.2	23.2	23.2	23.4	23.5	23.5
≥ 800 ≥ 700	14.7	2 . 7		23.1	29.5	24.3	25.5	25.6	25.9	26. 29.8	26.	26.0	26.B	26.2	26.5 30.4	26.6 30.5
2 500 2 500	15.3	2 • 5 7 • 5		28 • 1 34 • 3	38.0	₹0.5 ₹3.2	30.9	31.5	31.8 41.8	31.9	32.2 42.9	32.2	32.2	32.5	32.8	33.3
≥ 400	16.5	32.9 34.1	39.2	38.4	47.	43.9	52.	54.3	49.9 57.2	51.4 69.0	52.3 63.0	52.3	53.3 67.4	54.0 69.9	55.5 73.4	56.9 75.8
2 200	16.3	34.3	39.6	41.3	43.1	48.9 49.0	53.7	56.5 56.6	59.8 59.9	63.3	68.5	69.0		83.3	86.7 91.9	91.0
2 0	10.3	74.3	33.6	41.3	43.1	19.0	53.7	56.6	59.9	63.3	68.5	69.0	76.0	83.3	92.2	<u>10.0</u>

TOTAL NUMBER OF OBSERVATIONS...

930

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



GLIBAL CLIMATOLOGY BRANCH BLAFFTAC ATH WEATHUR SERVICEZMAC

CEILING VERSUS VISIBILITY

1 14 SHERVA AFR AK

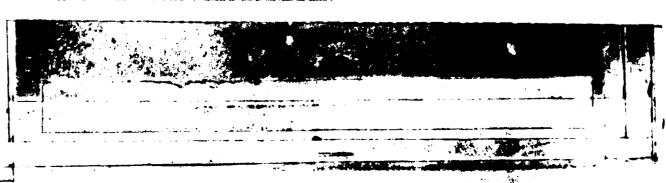
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12:2-1400

CEILING							VIS	SIBILITY ST	ATUTE MIL	ES:		·	-			
PEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1′;	≥1'4	≥1	≥ :4	≥ '•	≥ 7	≥5 16	≥ .	≥c
NO CEILING ≥ 20000		2.7		2.4	?•5 3•4	2.5	2.5	7.4	2•5 3•5	2.5	2.5	2.5	2.6	2.6	7.6 3.9	2.5
≥ 18000 ≥ 16000		3. °	3.4	3.8 3.8	3.0	3.9	3.3	7.0	4.	4 • 1 4 • 1	4.1	4.1	4.2	4.3	4.3	4.3
≥ 14000 ≥ 12000	3.	3.9	₹.0 4.0	4.3	4 . 1	4.1	4 . 1	4.4	4.2	4 • 3 4 • £	4.3	4.5		4.5	4.5	4.5 4.E
≥ 10000 ≥ 9000	7.7	4 • 3 4 • 4	и г и е	4.4	4.5		4.5	#.5	4.6	4 . 7	4.7	4.7	4.8	4.9	4.9	4.9
≥ 8000 ≥ 7000	1 1	5 • 2 5 • e	1 1	5.5 6.0	5.6	5.6	5.3	ε, ε. ε, 3	5.7	6.1	6.	5.1 6.6	5 • 1 6 • 7	6.2	6.2	6.2
≥ 6000 ≥ 5000	5	7 . 2	1 - 1	6.7 7.6	6 • i 7 • 7	6.3 7.7	3	7.0	7.1	7 • 2 8 • 2	7.2	7•2 S•2	7.3	7.4	7.4	7.4 8.4
> 4500 2 4000		7.5 2.1	7.4	8 • 9 • 6	7.1	3.1 2.7	0.1	n.3	9.4	9.5 1.1.1	р.с. 17.1	3.5	8 • 6 1 7 • 2	8.7	8.7	8.7
2 3500 2 3000		9.2 	1	Դ . & Դ . 9	0.0	9.9 13.3	17.1	17.1	10.6	1 .3	17.3	10.4	1 .5		17.6	10.6
≥ 2500 + 2000	1 • d	13.1		11.4 13.7	11.7	11.8	17.7	14.4	12.5	17.3	14.6	17.4	12.5	12.6		12.6
± 1800 ± 1500	7 12.3	10.4 16.4	17.4		14.4	14.4 19.0	14.7	14.7	1	14.7	19.7	15.1	15.2		15.7	
≥ 1200 ≥ 1000	4	76.5 23.7	20.5 24.9	21.5 26.1	27.4	72.6	27.7	77.0 77.3	27.1	23.2	13.7	73.3 28.8	23.4	23.5		23.5
₹ 900 ≩ 800	17.1	₹4.8 76.8		27.3 27.2	23.6	73.6 34.0	29.4 32.1	!	20.7	19.9 32.6	32.6	70.5 32.7	30.1	30.2	37.2	30.2
≥ 700 ≥ 600	3".1 13.8	29.8 3.3	31.7 34.4	33.3 36.1	35.7 38.6	75.4	35 • 9 40 • 4	36.9 43.6	37.1 40.9	37.3	37.3	37.4	37.5 41.4	37.7	37.7	
≥ 500 ≥ 4(a)	19.9	37.3	4 4	43.U	46.7 53.8	47.7	58.4	50.3 50.6		51.3 64.E	51.7	52.2 65.5	52.5	53.1	53.7	53.5
≥ 30↓ ≥ 200	20.5 20.7	43.1	1	51.3 52.3	54.1 57.5	59.4 60.9	64.4	7 . 8	73.8	74.2 77.8	76.3 82.2	77.4	81.0	82.5	84.4	95.1
2 100 T	2 .4	43.1		52 .3	50.5	40.9 40.9	65.4	70.8	73.8 73.8	78.2 75.2	82.7	84.1	89.5		97.3	9.8

OTAL NUMBER OF CREEVATIONS 930

HISAF STAC TON CALAS (OL A) among many as any area of any



GLOWN CLIMATOLOGY PRANCH DISSERVED AND SERVICE CAMPAINTAIN

CEILING VERSUS VISIBILITY

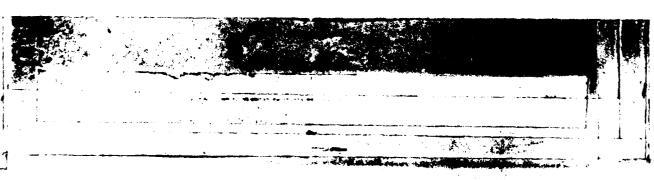
7 574 SHEMYA AFR AL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

Euno							VIS	BILITY ST	ATUTE MIL	.ES						
	≥10	≥ 6	≥ 5	≥ 4	3 3	≥2 ,	≥ 2	≥1 /	≥1.	≥1	2.4	≥ .	≥ .	≥5 16	≥ .	≥0
50000 FIGNIO	•	4.6	7 . 7	3 • 3 4 • 7	7.7 4.8	4.8	7 .7	4.8	7. °	2.3	7.3	3•3 1•5	3.3	2.3	₹.3	3.7
≥ 19000 5000		[• 1	• 1	5 • 2 5 • 2	5.7 5.3	5.3 5.3	5.7	- 3	E 7	5.4	5.4	3.4	5.4		5.4	5 • 4 5 • 4
2 1400C 2 200C		• 1 r • 7	5.7	1	5.4 0.	5•4 6•8	5.4 5.0	5 4 6 • 3	5 • ti	5 . s = . 1		5.5 5.1	5.5		5.5 6.1	5.5 6.1
5 5000F	5 4 6 •	* • ^ • ∴	´•	5 • 6	4 . t	6 • 4 5 • 7	6 • 4 5 • 7	6.4 6.7	6.11 6.7	6.5 6.9	4 . C		6.5	_	6.5	6.5
2 PORC 2 7016	• F):	"•5 •7	7.0	. 3 . 3) • E	°•5 ?•5	3.5 0.5	າ•€ າ•€	7.4	6.7 9.8	9 . 7	3.7 9.9	9.7	8 • 7 9 • 9	9.7	8.7
: 6000 : 5000	• (· ·		^•€ •3	n .α		? • °	(• 7	, ° J	10.1	17.2	11.2	10.2	10.2	17.2	13.7
4500	• 1		1,,,	11.	17.7	11.1 12.2	11.1	11.2 17.3	11.7	11.4	11.5 12.6	11.5 12.6	11.5		11.5	11.5
2 150c 1 mor	• '4 • 1	• •		14.2	14.4	12.8 !#.4	12.8	14.6	17.7	13.1 15.0	15.2	13.2 15.1	13.2		13.2	13.2 15.1
. 2500 . 2006	1.7	4	1 2.1	114	19.3	16.7 12.3	15.7 14.3	12.5	10.5	17.2 19.8	17.5		17.3	17.4 20.9	17.4 20.0	17.4
.: 80€ -2 150€ 	্ধ • জ 6 • ঃ	77.4	19.5 27.1	74.0	24.4	7 74•4	2 • 7		24.8	71.7 25.1	21.3 25.1	21.3 25.1	21.3 25.1	21.4 25.2	21.4	21.4 25.2
2 1200 3 1000	71.5	21.9	2°.2 31.4	79 • 1 32 • 7		33.8	,	34.9	20.0 35.0	30 · 1 35 · 4	30.2 35.5	30.2 35.5	3 · 2 3 · 5	33.4 35.6	37.4 35.6	30.4 35.6
	13.00 13.000	3 • 5 3 3 • 6	3°.	33.3 36.9		74 • 3 78 • •	34 • 9 38 • 9	₹ 5.4 30.4	35.5 39.5	36. 30.9	36.1 4 .0	36.1 4 .0	35.1 40.0	36.2 40.2	36.2 47.2	36.2
2 600	24.5	77.2	37.3 42.3		42.0	45.9	47.1	44.8	45. 42.0	45.4 49.1	45.5	45.5 49.2	45.5 49.3	45.6	45.6 49.8	45.6
± 500 ≥ 400	5.	43.6	53.7	57.7	53.6 62.1	53.7 (2.1	55 • 4 65 • T	56.6 67.7	57.3 68.7	58.3 70.9		71.9	59.2 73.3	59.3 73.8		59.7 74.5
2 300 2 200	25.3	49.4			67.6			74.8		79.9 83.7	87.4		85.4 91.6	86 • 1 93 • **	87.2 95.5	87.7 66.4
± 100 ± 0	5.3 25.0	49.4		61.8	67.6	1	73.2 73.2	77.8			87.7 87.7		92.1 92.1	94.6	98.3 98.3	

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC THE O-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISCOLE



CLT AL CLEMATALORY SHARCH

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 0 0 - 7 10 G

ELNO							VIS	SIBILITY ST	ATUTE MIL	.ES						1
116.	> .0	≥ 6	. ≥ 5	≥ 4	≥ 3	≥2.	≥ 2	≥115,	≥1 •	≥1	≥ .	≥ .	≥ :	≥ 5 16	≥ .	≥0
5 EUNIT 20000			li .			4.9		4 r	ti a	4.0	4.5	4 • .3	4.7		4.7	•
± 1800€ 500€	7. Žes	9 . 5		4 . S	. 1	5.1	5.1	€.:		5.1	E . 1	5 • 1		5 · 1	5.1	5.1
4-KK		4 • 7 • • •	,		5.7	5.2	7	7	E . 7	5.3	5.0		5.2	5.2		5.2
9 kg		. • 2 . • c	5	7.9 5.€8				٠. د	5 0	,	5 . 6	5.6	5 • 6 5 • 9			
. 4.44 . * ***		7•:			7.5	7.0 3.5		7. € 5. 5	7.6	7.6	7•€ 8•S	7•6 5•5	7.6	7.7 8.6	7.7	7.7
t Sirkit. t Sijkk	· •	• 6		9.	7.4	7.1 9.4	o 4	°•1 2•4	9 . 1 9 . 6	9 • 1 5 • 4	0 . 1 c . 4	9•1 9•4	9.1	9.2 9.5	9.5	
* 45 ±		1 4	1:-1	11.01	11.1	9.6	7.6 11.1	7.7 11.2	0.7	9.7 11.2	9.7 11.2	7.7 11.2	9.7	9.3 11.3	9.3 11.3	9.8
र १५०४ १ ४४४	•] • • • • •	•	1	11.6	17.0	11.7	11.7		14.1	12.1	17.	14.1	12.7 14.1	12.2 14.2		12.2
100 Jegan	ا <u>لوند</u> ،	14.0	16.	15.6	13.6	15.3 18.6	18.6	19.7	15.1 18.9		16.7	16•2 19•0	19.0	19.2	16.5	
90k .1 5 # 	12.44	! •? —¥	10.4 21.4	۵۰۰۱ <u>عوات</u>	22.0		22.1	22.2	22.4	2° • 1 22 • 4	2 • ? 22• \$		22.5	22.7	22.7	20.4
- 900 - 900	• • • • • •	9	21. 2^.1	25.6 28.9	20.7	9.2		2 ^	20.7	,	26.5 30.3	26.5 39.3		35.6	3:.6	26.7 3.46
2 800 2 700		71.9		34 · · · · · · · · · · · · · · · · · · ·	34.5	- 34 o ó	34.9	34.0		35.5	31.4 35.8	35.8	35.8	31.7 36.1	36.1	
- 600 - 500	-	39.2	30.8	42.3	41.0		41.5	41.6			42.6		92.7	40.2 43.1		
± 400 300	2 - 1	44.2	5 . 5		56.c	57.3	40.6 50.9	61.		51.0 63.5		65.2	66.9	52.6 68.0		
x	2 1	45.5	54.1		63.7	14.2	68.5	71.7		76.9			86.2	91.1	92.3	93.3
	2 : 1	· • i			63.7				74.2 74.2	77.1 77.1	81.1	82.5 82.5	88.0	93.2 93.2	97.2 97.2	99 • B

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC TOTAL 0-14-5 (OL A) MEVIOUS ENTITIONS OF THIS FORM ARE OSSOLET

GL PAL CEIN, TOLOGY CAMOR CATATA A PLATA SCHUIG MAE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

(Eq. No.	·						vis	BILITY ST.	ATUTE MILI	ES						
f661 1	≥ 10	≥ 6	≥5	2.4	23	≥2:	≥ ?	≥1	21.	ا≤ِ	2.	≥ .	≥ ;	≥ 5 16	≥ •	≥0
NC FILING 20000	•		• 1	7.4	3.8 .1	7.4 3.1) 6] 1	7 . !	7.19		?.4 7.*	- 4	2.4 7.2	2 · " 3 · ?	7.4 3.2	3.2
2 18000 3 5000	•		•	1.2	7.7	3 • C	7.	7	₹.	3 • 2 3 • 2	3•? 3•?	3 • 2 	3.7 7.7	3.4	3.4 3.4	3.4 3.4
≥ 14000 2 728	•		•	• -		7.	₹.↑ ?.~	7.0	3.	3.0 3.2	7.0 7.0	3.2	7.3 3.3		3.4	3.4
2 1 1000 H 3 1 Septem 3 1 - 1	•	3. C	•		- ei	3.5	7.5	· · · ·	7 • °	3.5 3.5	7.5	3.5	3.7	3.8	3.9 3.8	3.9
+ 8 ax - 5 kg.	•	6.0	•		н ^	5.1	t	7.1	6 - 1	4 . F	u . c	4.8 •2	4.9 5.3	5.4	5.1 5.4	5.1 5.4
5000 5000		• (5 . T		5 • 7	5.7	r . n	- 1	5.7	5.0	5.9 1.1	5.7 6.2	6.3	6.3	6.3
* 4500 * 4000 *	• 	•	• 1	•		3 • 1	3.1	F.9	5.0	5.9	5 • 1 P • 3	اد شاه کام کام کام کام کام کام کام کام کام کام	5 • 2 8 • 4	8 - 5	6.3 9.5	8.5
* 300 * 100 * - 100	•		•	• 6	, ,	1.6 7.5	ى . ت		8.0	9.5	9.7	9.7	9.9	9.9	10.0	16.0
200.	•	10.7	1	7.	1 ? •	13.	1 . 1	3.	17.1	13.	10.3 13.3	13.3	13.4		13.7	10.6
2 1500	17.	÷ • •	1.	13.8 17.2	17.5	13.8	17.5	17.5	17.5	17.5	14.1	17.8	14.2	14.3		
200 2 1000	• 4	1.4	27.7	53.6	27.0	2.0 2.0		713.6 77.4	27.4	20.6 23.4	23.5	21.5	21.1	24.3		24.5
≥ 800		74.3	25.5		26.2	73.5 76.2 29.4	27.1	74.1 77.1 70.4	27.1 30.4	24.1 27.1 30.4	27.4	24.4 27.4 3~.8	24.7 27.7	28.1	28.3 31.7	78.3
2 600	7	71.0 79.7 34.5	31.	32 · 2	32.4	2.5			33.7	33.7	34.0	34.0	34.4	34.7	34.9	34.9
± 400 ± 300	1 4	37.4	4 .	43.9	4 - 6	46.1	49.9	56.6	51.5	52.9	54.	54.0	-	56.7	58.6	59.4
200	10.4	72	41.1	44.6		าย•ก		52.9	60.2	63.5 64.0	69.4	7".C	75.4	80.4		88.8
- J.	10.0			1 1			54.5	1		64.0		71.2			1	าอ.ก

TOTAL NUMBER OF OBSERVATIONS

930

1:

USAF ETAC 121 04 0-14-5 (OL A) MEVIOUS EPITIONS OF THIS FORM ARE OBSOLET

GIVEAR CLIMATOLOGY DRANCH UNIFETIAS ALC WERTH O SERVICENMAC

CEILING VERSUS VISIBILITY

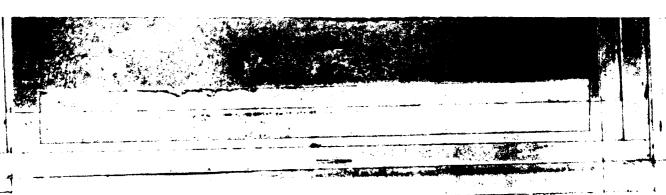
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES ELLING FEET 2 20000 ≥ 18000 ≥ 16000 3. Z . : 3.7 3.3 3.3 3.4 1 . 1 3. 3.4 ≥ 14000 ≥ 12000 3.5 3.5 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 5 - 1 5.4 5.4 5.5 5.5 ≥ 6000 - 5000 (. 1 6.4 ≥ 4500 ± 4000 ₹•i 3 € ≥ 2500 ≥ 2900 11.1 11.5 11.5 14.3 14.7 14.7 14.8 14.9 15.0 15. 14.8 26.2 25.6 26 . 5 26.9 26.6 700 73.1 33.2 27.1 30 . 4 31.8 31.9 33.4 33.5 33.6 34. 35.7 36. 36.2 41.2 41.4 44.3 43.3 44.7 45.3 45.€ 47. 46.4 400 53.4 54.5 56.1 52.1 56.4 53.2 58.1 300 59.8 61.8 64.5 68. 46.4 52.1 64.6 72.5 73.4 78.5 83.0 88.3 90.8 58 . 2 62.3 64.8 68.4 62.3 64.8 68.4 74.2 94.2 99.5 46.4 73.2 80.0 86.0 52.3 86.1

TOTAL NUMBER OF OBSERVATIONS.

7439

USAF ETAC 101 MA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE



GE TAE CLIMATHEOGY BEANCH USATETAC ALE WEATHER STRVICE/MAC

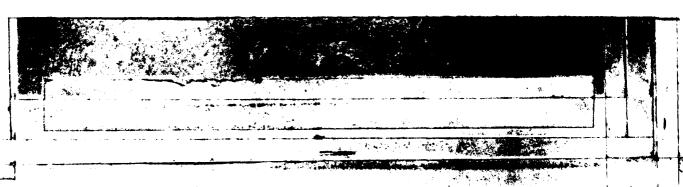
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG	_						VIS	IBILITY ST	ATUTE MIL	ES.						
· FEET	≥10	≥6	≥ 5	≥ 4	≳ 3	≥2;	≥ 2	≥1';	≥1%	≥1	≥ :₄	≥ '⁄•	ל ≤	≥ 5 16	≥ .	≥0
NO CEIUNG ≥ 20000	2.	€ • 3 € • 1	5.€	6 • 6 6 • 7	5.7 5.8	6.7 6.8	5 • 8	5.7 6.8	6.7 6.8	6 • 7 6 • 8	6.7 6.5	6.7 6.8	5.7 5.8	6.7 6.8	6.7 6.8	6.7 6.8
≥ 18000 ≥ 16000	2.5	ۥ5 6•5	6.6	6.7 6.7	5.8 6.8	6.8 6.8	6 • ° 5 • 8	6.8 6.8	6.9	3.6 6.8	6.8 6.8	6 • 8 5 • 8	6.8 6.8	6 • 8 6 • 8	6 • 8 6 • 8	6 • 8 6 • 8
≥ 14000 ≥ 12000	2.	£.5	6 • 6	6 • 7 6 • 7	6.8 6.8	6 • 8 6 • 8	6 • B	6.8 6.8	6.3 6.9	5.8 8.3	6.8 6.8	8.6 8.6	6.8 6.8	6 • 8 6 • 8	6.8 6.8	6.8
≥ 10000 ≥ 9000	2.	6.5 6.5	6.6 6.6	6.7	5.0 5.0	6.8 6.8	6 • 8 5 • 3	5.8 5.8	6.º	8.3	6 • 8	6.8 6.8	6 · 8	6 • 8 6 • 8	6.8 6.8	6.8 6.9
≥ 8000 ≥ 7000	7.	£ • 3	5.9 7.E	,	7.1 7.7	7.1 7.7	7.1	7.1 7.7	7.1 7.7	7 • 1 7 • 7	7.1 7.7	7 • 1 7 • 7	7.1 7.7	7 • 1 7 • 7	7.1 7.7	7 • 1 7 • 7
≥ 6000 ≥ 5000	2.5	7 • 6	7.9	€ • 7	8.1 8.8	8.1 8.8	9 . 1 3 • 8	೯.1 ೧.೯	8 • 1 9 • 8	8 • 1 8 • 8	2.1	8 • 1 3 • 8	9.1 9.8	8 • 1 8 • 8	8.1	8 • 1 8 • 3
≥ 4500 ± 4000	0.5 2.6	ુ• દ ુ• 8	°.7 10•	5.8 10.2	8.9 10.7	3.9 10.3	?.9 1∃.3	₽•9 1□•3	8.9 10.3		8.9	8.9 1:1.3	8.9 13.3	8 • 9 10 • 3	8.9 10.3	8.9 11.3
2 3500 2 3000	2.4 2.0	10.0 1.4	10.2	10.4	17.5	10.8		10.8 11.5	10.8 11.5	10.8	10.8 11.5	1 .8	10.8 11.5	10.8	17.8 11.5	10.8 11.5
≥ 2500 ≥ 2000	? • ? • • :	13.9	11.5	11.8 14.9	12.7	12.3 15.4		12.3	1°•3 15•4		12.3 15.4	12.3 15.4	12.3 15.4	12.3	12.3 15.4	1 1
2 800 2 500	7 • 4 ? • ?	14.1	14.7 17.6	15.3 18.4	15.7	15.7 19.1		15.7	15.7		15.7 19.1	15.7	15.7 19.1	15.7 19.1	15.7 19.1	1
≥ 1200 ≥ 1000	7 . 5	2 . 5	24.2	21.9	22.7	22.8 36.3			23.0 26.6	1 1	23.1	23.1 26.7	23.1	23.1	23.1 26.7	1
≥ 900 ≥ 800	3.5	27.4 25.d		25.9 28.5	27.1 30.	77.2 75.1			27.6 39.6		27.7 37.8	27.7 30.8	27.7 30.8	27.7 30.8		27.7 30.8
≥ 700 ≥ 600	4.3	27.8 28.5			32.7	32.8 34.7		33.4 35.9	33.4 35.9	1 1	33.7 36.1	33.7 36.1		33.8 36.5	33.8	
≥ 500 ≥ 400	4 - 5	3 .6		35.7	37.4		41.6	42.9	42.9	43.8	44.3 54.7	44.3 54.8	44.8	45.6	46.2	46.3
≥ 300 ≥ 200	0.5	32.5	36.7	39.7	46.8	46.9	51.3	55.7	56.8	60.4	63.7	63.8	66.6	69.1 80.3	73.2	77.3
≥ 100 ≥ 0	h • 5	3. • 5	36.7	39.7	46.8	47.3		58.0	59.8	64.5	711.0	70.4	77.1	82.0	91.2	

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC TILL O-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORGOLETI



GLORAL CLIMATOLOGY BRANCH USAFETAC A10 *FATHE'S SERVICE/IAC

CEILING VERSUS VISIBILITY

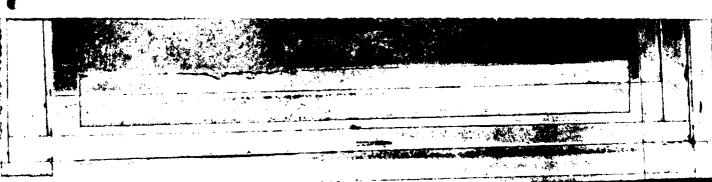
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							V15	BILITY ST.	ATUTE MILI	ES						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1;	≥1.	≥1	≥ ¦a	≥ '•	≥ :	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	2 • ì	1 5 . 1	F 2	5.2 5.2	5.3	5 • 3 5 • 3	5 4	5.5	5.5	5 • 5 5 • 5	5.F	5•5	5 • 5 5 • 5	5 • 5	5.6	5.7
≥ 18000 ≥ 16000		5.1 5.1	7 • 2 5 • 2	5 • 2 5 • 2	5.3 5.7	5 • 3 5 • 3	5 . 4	5.5 5.5	5 5	5 • 5 5 • 5	5.5	5.5 5.5	5 • 5 5 • 5	5.5 5.5	5 • 6 5 • 6	5 • 7 5 • 7
≥ 14000 ≥ 12000	7 . 7	5 • 1 5 • 1		5 • 2 5 • 2	7.3 5.3	5.3 3.3	5.4 5.4	5.5 3.5	T. C	5 . 5	ញ <u>ព</u>	S•5 3•5	5 • 5	5.5 5.5	5.6 5.6	5.7 5.7
00001 ≤	2 • 9 2 • 3	5 • 1	5 • 2 5 • 2	5 • 2 5 • 2	5.3 5.3	5 • 3 3	Γ.4 5.4	5 5 5 5	5.c	5.5 5.5	ፍ <u>.</u> 5	5.5 5.5	5.5	5.5	5.6 5.6	5.7 5.7
≥ 8000 ≥ -7000	7	: • 4	5.5	5.5 5.5	5.6	5.6 5.6	5.7 5.7	5.8 5.8	5.0 5.5	5 • 8 5 • 8	5.8 5.8	5 • 8 5 • 8	5 · 8	5 • 8 5 • 8	5.9 5.9	6. : 6. :
≥ 6000 ≥ 5000	?•) 	5.4 5.9		5.5 5.0	5.6 5.1	5.6 6.1	5.7 6.2	5.8 6.3	5. T	5.8 6.3	5.8 6.3	5.3 6.3	5 • 8 6 • 3	5 • 8 6 • 3	5.9 6.5	6.0
≥ 4500 ≥ 4000		6 • 7 7 • 6	6•8 7•7	6 • E 7 • 7	5.0 9.0	6 • 9 8 • 0	7.7	7.1 9.3	7 • 1 8 • 3	7•1 8•3	7.1 8.3	7•1 8•3	7 • 1 8 • 3	7.1 8.3	7.2 8.4	7.3 8.5
≥ 3500 ≥ 3000	2.4	7.7	7.5 2.1	7 • 8 F • 1	3.1 8.3	8 • 1 8 • 3	3 • 3 3 • 5	3.4 8.6	8 ° 11	8 • 4 8 • 6	8.4 8.6	∂.4 8.6	8 • 4 2 • 6	8.4	8 • 5 8 • 7	8.6 8.8
≥ 2500 ≥ 2000	? • ¥	6.9 12.5	12.6	9.C 12.7	9.2 12.9		9.5	9.6 13.2	9.6 13.2	9•6 13•2	9.6 13.2	9.6 13.2	9.6 13.2	9.6 13.2	9.7 13.3	9.8 13.4
2 1800 2 1500	7•1 3•3	12.6 15.2	15.6	12.8 15.8	16.3		13.2	13.3	13.3 16.7	13.3 16.7	16.7	13.3 16.7	13.3 16.7		13.4 16.8	13.5 16.9
≥ 1200 ≥ 1000	3 • 4 7 • 4	17.5	21.3	18.4 22.0	23.4	19.5 23.4	19.7	_	19.8 24.2	19.9 24.3	24.3	19.9	19.9 24.4	24.4	29.1 24.8	20 • 2 24 • 9
≥ 900 ≥ 800	3•4 3•4	20.5	23.2	22.7 24.1	24.4	24 • 4 26 • 0	24.8	26.9	25.3 26.9	25.4 27.0	27.0		25.5 27.1		25.9 27.6	26. °
≥ 700 ≥ 600	7 • 3 3 • 9	24.3	26.7	26.1 28.1	31.5	79.1 31.5	29.8 32.5	33. D	30.2 33.0	30.3 33.1	33.1	3C.3 33.1	30 • 4 3 3 • 4		31.0 34.3	31.1 34.4
≥ 500 ≥ 400	4 • 0 4 • 0	26.0 28.3	32.9	31.8 35.4	44.1	37.8	40.5 49.2	52.3	42.7 53.1	43.2 55.3	43.8 56.6	43.8 56.6	44.9 58.3	45.6 59.4	46.6	46.9 62.9
≥ 300 ≥ 200	4.	28.4 26.4	33.	35.6 35.7		46.5	51 • 8 52 • 7	55.9 57.3		60.9 64.2				68.1 75.8		
≥ 100 ≥ 0	4 • C	28.4 25.4		35 • 7 35 • 7	45.8 45.8	47.1 47.1	52.7 52.7	57.3 57.3	59.8 59.8	64.5 64.5	68 • 8 68 • 8	69.7 69.7	74.3 74.3		88.1 88.6	96.7 100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 101 M 0-14-5 (OL A) PREVIOUS SOTTIONS OF THIS FORM ARE COROL



GLOPAL CLIMATOLOGY SEANCH USAFETAC ALM *EATHES SERVICE/MAC

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CEILING VERSUS VISIBILITY

STEMYA AFB AK

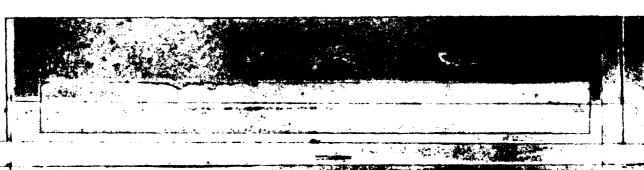
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 18008 731</u>

CEILING							VIS	BILITY -ST	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1′:	≥17.	≥1	≥ 4	≥ '•	≥ 7	≥ 5 16	≥.	≥0
NO CEIUNG ≥ 20000	• 3	 4 . 4	11 . E	4.5	# • 1 4 • 5	4 • 1 4 • 6	4.1	4 • 1 u • 6	4 · 1 4 · /	4.1 4.6	4.1 4.6	4.1 4.6	4.1 4.6	4 • 3 4 • 8	4.5 5.1	4.6 5.2
≥ 18000 ≥ 18000	0•7 2•2	4.7	4 . s	4 • G		4.9 5.1	4.9 5.1	4.9 5.1	4 • ° 5 • 1	4.9 5.1	4.9 5.1	4.9 5.1	4.9 5.1	5 • 2 5 • 3	5.4 5.5	5 • 5 5 • 6
≥ 14000 ≥ 12000		4.5 4.0	# . ? [• 1	4.0	5.7	5.1 5.2	5 • 1 5 • 2	5.1 5.2	5.1 7.2	5.1 5.2	5.1 5.3	5 • 1 5 • 3	5.1 5.3	5.3 5.5	5.5 5.7	5.6 5.8
≥ 10000 ≥ 9000		5.7	- 4	5.4 5.4	5.5 5.5	5.5 5.5	5.5	5.5 5.5	5.5	5 • 5 5 • 5	5.6 5.6	5 • 6 5 • 6	5.6 5.6	5 • 8 5 • 9	6.7	6.1
2 8000 2 7000		5.7 2.1	5.°	5 • S		5.9	5 • 0 6 • 1	5. 9 6. L	5.0 6.1	5.9 6.1	6. ° 6.2	ნ•ე 6•2	6.2	6.2	6.8	6.7
≥ 6000 ≥ 5000		5 • i	5 • 1. 6 • 2 2. • c	6 • £	5.7 5.7	6.3	6.7	6.2 6.3	6.7 6.3	6 • 2 • • 3	6.3 6.5	6.3	5.3 6.5	6.6	7.7	7.5 7.1 7.3
2 3500	7.	7.4 7.4	- 1	7.5	6.0 7.8 9.7	7 . 8 8 . 3	6.6 7.9	7.8 9.3	6.6 7.9 8.7	5.6 7.8	6.7 8.4	ა.7 პამ პა4	6.7 8.0 8.4	6.9 8.2 8.6	7.2 8.5	8.6 9.3
2 3006 2 2500	4.6	. 4	2 €	9.7	<u>ئ</u> د	9.0	1 2	9.0 15.0	9.	9.0	9.1 10.4	9.1	9.1	9.4	9.7	9.8
2000	- 4	!	17.5	12.6	13.1	13.4	13.7	13.2	13.2 13.5	13.4	13.5	13.5	13.7	13.7	14.4	14.5
2 1500	٠.5 ظ		16.2	16.5	17.1	17.1 20.2	27.4	7.4 70.6	20.6	17.6 21.2	17.7		17.8 21.4	18.1	18.6	18.7
≥ 1000 ≥ 900	3 •	15.8	2 • 2	21.1		^2•3 23•4	22.6	27.8	22.8	23.3	23.4	23.4	-	23.9	24.4	24.5
≥ 800	?	20.4	22.5	23.5	25.6		28.6	76.2 78.8	26.2	27.0	27.1	27.1	27.3	27.5		28.2
≥ 600 ≥ 500	9.1	23.3	25.9	27.1 32.6		38.9	31.3	31.7		32.6		32.7	32.9 44.8			34.2 46.9
2 400 2 300	9.1			35 • 2 36 • 2		43.8	46.8		50.5	53.2 59.9	54.5 62.8	54.8 63.8	55.5 65.6		58.8 72.6	60.2 76.0
≥ 100	0.2	28.9		36 · 8		46.9	51.1		57.4 57.8	62.7		68.8 70.1	71.7		82.8 88.2	
2 0	9.?	28.9	37.2	36.8	45.7	46.9	51.1	55.3	57.8	63.4	68.9	70.1	73.3	79.5	88.8	103.0

OTAL NUMBER OF ORSERVATIONS

USAF ETAC NI 64 0-14-5 (OL A) MENIOUS EDITIONS OF THIS FORM ARE GREGUET



GLOBAL FLIMATOLOGY BRANCH LIMETAC AI MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

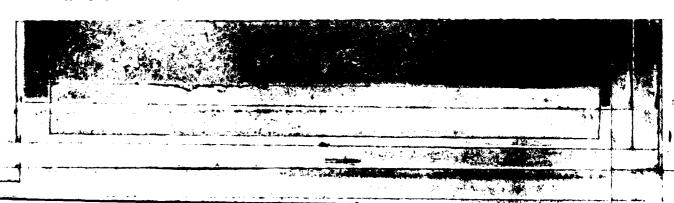
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

220-:100

CEILING 1							VIS	BILITY STA	ATUTE MILI	ES-						
. 1661	≥10	≥ 6	≥ 5	≥ 4	53	≥2 ;	≥ ?	≥17	≥1'•	≥1	≥ :.	≥ '•	≥ '5	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	3	4. 4.3	4 . 1 4 . 7	4.3	4.7	4. 4.3	4 3	71 a.C.	4.7	4 • G	4.2	4.1	4.3	4.3	4.4	4.5 5.1
≥ 18000 ≥ 16000	3 • 3	4 • 5 4 • 7	4.7	4 . 6	4.6	4.6 4.7	4.6	4 • 6 4 • 7	4.5	4.7	4.8	4 . 9 4 . 9	5 • 1 5 • 2	5 • 1 5 • 2	5.3 5.4	5.4
≥ 14000 ≥ 12000	1 • 1	4 , β	4.9	4.8	4 . 8 4 . c	4.8 4.9	4.8	4.g	4.9 4.9	4 • 9 5 • 1	5.1 5.2	5 • 1 5 • 2	5 • 3 5 • 4	5.3 5.4	5.5 5.6	5 · 6
≥ 10000 ≥ 9000	0 • 5	5.3 5.3	5.4 5.4	5 • 4 5 • 4	5 . t	5.4 5.4	5.4 5.4	5 4 5 4	5 · 4	5 • 5 5 • 5	5 · 6	5 . 6 5 _6	5 • 8 5 • 8	5 • 8 5 • 8	6.1 5.1	6.2
2 8000 2 7000	4.9	6.9 6.3	(• ? • 2	5 • 2 (• 5	5.7 5.5	6.2 5.5	6.3 6.5	6.2 6.5	6.2 6.5	6 • 3 6 • 6	5.5 5.7	ύ•5 6•7	6 • 7 5 • 9	6.7	7.1 7.3	7.2 7.4
≥ 6000 5000		(• 3 (• 3	1.6	5.8 5.8	5.8 5.8	6 • 8	6 • 9	8 • ئ 6 • ئ	6 • ° 6 • °	6 • 9 6 • 9	7.0	7.0	7.2	7.2 7.2	7.6 7.6	7.7
* 4500 * 4000	•	(•3 	5.6 8.5	5.2	6.7 8.2	6.8 5.2	6.8 3.7	6.8 3.2	6 • F	6.9 8.3	2 . 4	7 • G	7 • 2 8 • 6	7.2 8.6	7.6 9.r	7.7 9.1
2 3500 2 3000	5	. • 5 9 • 8	1 . 7	15.0	2.9 10.2	8.9 .C.2	12.2	8.9 10.2	R.9	9.4 13.3	9.1 10.4	9•1 10•4	9.5 10.8	9.5 10.8	9.9 11.2	11.0
2500	° • 6	11.2	11.0	11.6	11.4	11.6		14.5	11.6 14.5	11.7 14.6	11.3	11.8	12.2	12.2 15.2	12.6 15.6	12.7
: 1800 1500	3.7 11.4	14.7	14.2 16.6	14.7 17.2	14.0 17.5	14.9 17.5	14.9	15.1 17.6	15.2 17.7	15.3 17.8	15.4 18.	15.4	15.7 13.4	15.8 18.5	16.2	16.3
± 1200 ± 1000	13.2	10.1 21.5	10.6 22.2	20.5	24.2	1.0	24.5	21.1	21.2	21.5 25.1	21.7 25.3	21.7	22.2 25.8	22.3 25.9	26.5	
2 800	14	23.7		24.7 26.0	25.7 27.7	25.7 27.8		26.1 28.6	26. 28.8	26.6 29.2	26 • 8 29 • 5	26.8 29.5	27.3 30.0	30.2		
≥ 700 ≥ 600	6.1	25.5 27.3	23.4			33.1	34.1	30.8 34.7	34.9	31.5 35.6	31.7 36.1	31.7 36.1	32.3	37.	33.1 37.5	37.8
≥ 500 ≥ 400	16.1			37.0	38.7 43.7	39 • 2 44 • 4	48.3		43.1 51.5		45.4 55.2			58.6		61.1
≥ 300 ≥ 200	17.2 17.2	32.7	35.3	39.1	46.9			55.6 57.6 57.7	59.0	61.1 64.0 64.2	64.8 69.7	65.3 70.1 70.8	68.2 74.7 76.2	80.1	75.2 86.1 91.6	76.9 89.9 98.2
≥ 100 ≥ 0	17.2		35.3 35.3		46.9	-			59.1	64.2	70.2	70.8	76.2	_		00.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 44 0-14-5 (OL A) PREVIOUS SOLITIONS OF THIS FORM ARE DISCOLE



CL FIL OLIMATOLOGY FRANCH IMARCTAC ATCHEATER SERVICENMAG

CEILING VERSUS VISIBILITY

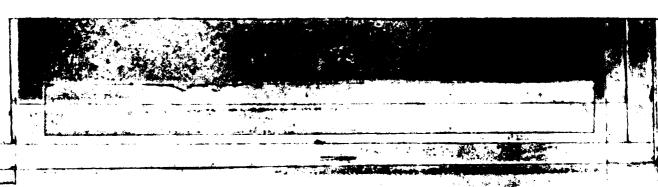
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17 0-1476 HOURS (51

Ed No.	•						VIS	BILITY ST	ATUTE MILI	ES.						
166,	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1 -	≥1.	ا خ	≥ : ₄	≥ '•	≥ ,	≥ 5 16	≥ .	≥0
Nil + ErpNic → 2/000		1. • 4 1 • 3	4 . 4 4 . 0	4 . 4 4 . 8	4.0	4.4	4 . P		υ. u u. s.	4.4 4.5	4.4 4.5	4 • 4 7 • 8	4.4	4 • 5 4 • 9	4.5	4.5
≥ 18000 > 6/900		5.1 5.5	5 . 1 F . 5	5 • 1 5 • 5	5.1	5 • 1 5 • 5	5.5	5.1 5.5	₹.º	5 • 1 5 • 5	5.1 5.5	5 • 1 5 • 5	5.1 5.5	5 • 2 5 • 6	5.2 5.6	5 • 2 5 • 6
≥ 14000 ± 7000		٠.6) پ	. 6	5.6	5 . 6. 5 . rl	6.0		1.	6.1	5 • 6 6 • U	5.6 6.7	5.6 6.0	5 • 6 6 • 7	5 • 7 6 • 1	5.7 5.1	5.7 6.1
± 10000 ₹ 9000	4.	0.0	/ • [*]	€ • 5i	5 °		5.5	5 · 1	6.4	6.1	6.5	6.7	6.6	6.7	6.7	6.7
2 PUNC	• 4	7.4	. 4	7.4	7.5		7 . F	7, 5 5, 1	7.6 5.0	7.6 6.2 5.8	7.6 9.2	7.6 c.2	7.6 8.4	7.7 8.5	7.7 8.5	7.7 8.5
2 6000 5000 4500	•	• *	0 •	"•€ ••!	0.0	6.7	1.1	9.9	1.7.	15.0	30.2 20.2	19.0			1	9.1 10.3
4000 4000		11.3	1	11.4	11.5	11.5 13.0	11.5	1	- 1	11.6	11.6	11.6		1	11.0	11.9
2506			1/.1	14.3	4.6	14.7	14.4		14.7		14.8	14.8			15.2	15.2
2006 800	4	<u>.</u>		10.	10.5	14.5	19.5	; ೧.5	10.4	19.6		19.7	20.3	20.0	29.9	20.0
200 200	4	26.0	27.1	<u>ئەت 2</u>	23.0	24.G	24.7		24.3	24.3	24.4	24.4			24.8	
2 1000 2 900	10.1	27.5 29.4	21.7	29.4	3 4	7 .6	31.2	71.3		31.4	31.6	31.6		32.0	32.2	32.2
≥ 800 ≥ 700	1 8	₹1.1 30.8		33.4 35.5		34.7 77.3		75.5 79.4	35.6 38.5	35.7 38.6	35.9 38.8	35.9 38.8	36.2 39.1		36.5 39.5	
≥ 500	10.5	34.2		4 . 3	43.7	39.4 44.7	46.9		49.2	50.0	51.0	41.8 51.1	51.6	42.5 51.8	51.9	51.9
2 300 2 200	20.6	38.1 38.7	4 1 . 2	44.8	50.0	52.3	56.6		63.8	67.6	72.2	73.2	76.1	79.2		R1.3
2 700 2 100 2 0	20.4	79.4 39.4	42.3	46.3 46.3	57.6		50.1	64.5	67.0			79.8	84.6		91.2	98.9

OTAL NUMBER OF OBSERVATIONS

USAF ETAC NI M 0-14-5 (OL A) REVIOUS SOMONS OF THIS FORM ARE OSSOLET



CLIPAL CLIMATOLOGY SHANCH LOADETAC AT MEATING SERVICEMAC

CEILING VERSUS VISIBILITY

CUPULL AFE A

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

: CERING	:						VIS	SIBILITY ST	ATUTE MIL	ES				··· -		
· FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥115	≥1.	≥1	≥ .	≥ ′•	≥ >	≥5 16	≥ .	≥ú
NO CEILING ≥ 20000	1, . 3 7 . 4	5 • 6 7 • 3	5.7 * u	5.7 7.4	5 . 7	5 • 7 7 • 4	5.° 7.6	5.5 7.6	7	5.c	5.9 7.7	7.7	5.9	5.9	5.9 7.7	5.9 7.7
≥ 18000 ≥ 18000	5,		7.5 1.1	7.5 3.1	7.5 3.1	7.5 3.1	7.7 3.وز	7.7 8.3	7.7 8.3	7•8 2•4	7.3 8.4	7 • 8 2 • 4	7.8 8.4	7.8 8.4	7.8 8.4	7.8 8.4
≥ 14000 ≥ 12000	• 3	5.6 €.5	^• t ?•6	• 1 ^ • £		8•1 8•6	9.7	7.3 7.8	η . ·	∴.4 6.9		კ.4 გ.9	9 . u 8 . 9	8.4	8.4	E.4
≥ 10000 ≥ 9000	. 7	7 و رد ن و 9	9.8 3.0	5 • 8 2 • 9		8.8 8.9	9. 7.1	9. 0.1	0.1	9.1 9.2	9.1	9.1 9.2	9.1 9.2	9 • 1 9 • 2	?•1 9•2	9 • 1; 9 • 2
≥ 9000 ≥ 7000	• • •	101	13.0	13.5	17.7	10.3	1 • °	17.5 11.7	11.7	1. •6	10.6 11.5	1 •6 1 • 8	17.6 11.8	10.6 11.8	17.6 11.8	11.6 11.8
≥ 6000 ≥ 5000		17.4	1	17.2	13.0	12.2	12.4 <u>14.1</u>	14.1	14.1	12.5 14.2	10.5 14.3	14.3	12.5	12.5		
2 4500 2 4000	17.4	15.	14.1	14.2	16.2	14.0 16.2	14.4	16.5	14.4	14.5 15.6			16.8	14.7 16.8	16.8	1
2 3500 2 3000	14.	1 5	1 · • 9	21.0	21.5	19 • 0	19.7	71.2	19.7 21.2	19.4 21.3	19.5 21.4	21.4	19.6 21.5	19.6 21.5	21.5	
2500 2006	15 • °		21.7	21.9	23.7	1.9 23.7	27 • 2 23 • 9	72.2	23.9		24.1	22.4 24.1	22.5 24.2	22.5 24.3	24.3	29.3
2 1800	1 . 7	22.6	23.7 26.5	27.6	28.7	73.9 26.3	24 • 1 23 • 7	74.1 79.7	24 • 1. 28 • 7	24.2 25.8		24.3	24.4	24 • 5 29 • 2		29.2
≥ 1000	22.0	33.7	34.5		37.5	72.6	33.7			33.4		33.5 38.4	33.7 38.6	33.9 38.8	38.9	38.8
≥ 900 ≥ 800 ≥ 700	24.1	34.6 36.6 38.3	35.6 37.6	39.1	38.3	78 • 3 40 • 4	33.9 41.1	11.1	41.2	39.2 41.4	41.6	39.5 41.6			42.0	
≥ 600	25.5	3° 6		43.0	45.3	43.4	46.7								48.0	
≥ 500 ≥ 400 ≥ 300	25.3 26.1	44.8	47.6 47.1	. ,	56.	51.5 56.1	52.4 58.1				65.2			57.3 67.4	67.7	67.7
≥ 200	26.2		49.8	53.3	59.7	59.0 60.0	64.3	65.7	70.0			76.3 81.5	86.7	89.9	92.8	94.7
≥ 100 ≥ 0	25.2	1				60.7	64.3	5 % 1 6 % 1	70.0 70.0	75.1 75.1		82.2 82.2		92.3 92.3		99.6 100.2

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC NICE 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLET

GEORAL CLIMATCLOGY TRANCH USAFETAC ATH WEATH A SERVICEMENAC

CEILING VERSUS VISIBILITY

CA 40 SHE WA AFT AR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18 U-5040

CEILING							viS	IBILITY -ST.	ATUTE MIL	ES-						-
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 >	≥ ?	≥1'7	≥1'•	21	≥ ′₄	≥ '⁄a	≥ ′ı	≥ 5 16	≥ •	≥0
NO CEILING ≥ 20000	9.1	7.2	ر و 7 أ	5.4 7.2	۰ ، ۲ ۲ ، ۲	7.3	5 • • 7 • 4		6.1 7.4	ۥ1 7•4	6.1 7.4	6 • 1 7 • 4	6 • 1. 7 • 4	6 • 1 7 • 4	6 • 1 7 • 4	6 • 1 7 • 4
≥ 18000 ≥ 16000	74 . 1, . ~	7 • 2 7 • 3	7.0	7 • 2 7 • 3	7.7 7.4	7.4 7.5	7.5 7.6	7.6	7.5 7.6	7.5 7.6	7.5 7.6	7.5 7.6	7.5 7.6	7.5 7.6	7.5 7.6	7 • 5 7 • 6
≥ 14000 ≥ 12000	5	P • Z	7.5 ()	7.5 5.2	7./ 0.7	7.7 8.4	7 . A	3.5	7.9	7.8 8.5	7.8 °.5	7.8 3.5	7.8	7 • 8 8 • 5	7.9 3.5	7 • 8 8 • 5
≥ 10000 ≥ 9000	•	%•5 <•5	:•5 5	5 9 • 5	3.6 3.6	5.7 5.7	8.º 8.8	9.9 6.8	د و. • د	8•8 8•8	8.8 8.8	8•8 3•8	8 • 8 5 • 8	8.9 8.9	8.8 8.8	8.3 8.3
≥ 8000 ≥ 7000	6.5 7.6	?•§). 1'."	0.8 11.6	0.0 [1.7	10.0 11.8	10.1	10.1	10.1 11.	1".1 11.0	17.1	11	10.1 11.9	10.1	17.1	10.1
≥ 6000 ≥ 5000	• 6 _ • 4	1.7.7		10.9 14.2	13. 14.7	13.1 14.4	13.2 14.5	13.2	17.7	13.2 14.5	70 55 4 4 6 4 74	13.2 14.5	13.2		13.2 14.5	13.2 14.5
> 4500 1 400k;	0 . s	14.0	14.3	[# 4 15 - 3	14.5	14.6 15.5	14.7 15.8	14.7	14.7 15.8	14.7 15.8	14.7 15.8	14.7 15.8	14.7 15.8	14.7 15.8	14.7	14.7 15.8
± 1500 ± 1000	1.1	1.7.1		10.2 17.7	14.5 18.5	16.6	16.9 19.4	1 4.4	16.9 18.4	16.0 15.4	17. 19.5	17.3 18.5	17.1 18.5		17.9 18.5	17. 18.5
≥ 2500 ≥ 2000	10.0	7.7 71.1	19.1	19.4	19.6 22.7	19.7	2 .7	27.7	22.7	20.0 22.7	20.1 22.8	20.1 22.8	20.1 22.8		27.1 23.1	20 • 1 23 • 1
2 1800 2 1500	14.2	21.5 24.2		22.5 26.2	22.7 26.9	22.9 27.0	23 • t 27 • 5	27.1 27.5	23.1 27.5	23 .1 27 . 5	23.2	23.2 27.6	23.2 27.6		23.5 28.0	23.5 28.0
≥ 1200 ≥ 1000	17.4	27.8 31.	29.6 31.0	29 • 2 22 • 7	27.5	₹0.0 33.7	30.5 34.2	.2 *** • .7	30.5 34.2	30 • 5 74 • 2	30.6 34.3	30.6 34.3	30.6 34.4	31.0 34.7	31.7 34.7	31.7 34.7
≥ 900 ≥ 800	10.7	31.7 33.1	37.9 34.2		34.4 35.9	34 • 5 36 • 0	35.1 36.6	35•1 36•6	35 • 1 36 • 6	35 • 1 36 • 7	35.2 36.8	35.2 36.8	35.3 36.9		35.6 37.3	35.6 77.3
≥ 700 ≥ 600	11.2 23.4	3: • 4 3: • 1		37.3	35.7 41.5	38.4 41.6	39.2 42.5		39.4 42.9	39.5 43.1	39.6 43.3	39.6 43.3	39.9 43.7	46.2 44.0	47.3 44.3	40.3
≥ 500 ≥ 400	23.7 24.3	42.2 44.4	1 1	46 • 8 5 ~ • 2		49.4	51.° 56.9	52.6 58.9	52.7 59.4	53.7 61.0	54.5 62.5	54.5 62.7	55.2 64.2	55.5 64.7	5 5. 9 65.7	56 • C 65 • 8
≥ 300 ≥ 200	24.4		49.2		57.4	57.11 58.3	6 1 • 1 61 • 7	63.8 65.9		68.4 70.9	72.9 77.2	73.2 77.5	76.7 82.7	78 • 8 25 • 8	81.3 89.8	93.4 93.4
≥ 100 ≥ 0	24.4		1	52.2 52.2	57.4 57.4	6 • 3	61.7	65.9	66.9			78.6 78.7			94.6	9. Lno.r

OTAL NUMBER OF DESERVATIONS

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS SOTTONS OF THIS FORM ARE OSSOLET

SETRAL CLIMITALOGY BLANCH ATATHOR SCRVICEZMAC

NO CEILING

≥ 18000 5 6000

CHA

CEILING VERSUS VISIBILITY

<u>176-5300</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES

≥ 5 16 11.3 11.3 12.6 13.0 13.0 19.9 10.9 19.9 72.2 32.4 33.1

> 37.6 39.7 39.7 39.8

37.6

46.3 47.5 48.6 48.6 49.1 53.2 55.5 58.2 58.2 59.4

57.4 61.2 65.8 65.8 68.6 60.0 64.5 70.3 70.8 75.1

58.4 60.0 64.5 70.6 71.1

TOTAL NUMBER OF ORSERVATIONS

70.6 71.1 75.5 81.1 89.61 a.G

75.5 81.1 89.1 98.1

USAF ETAC 100 of 0-14-5 (OL A) MEVIOUS BOMONS OF

6.

34 . 6 36 . 1

39.6 43.2

44.4 50.5

6.5

19.8

36.9

43.3 45.1 46.1

53.2 50.5 50.8 54.7 58.4

56.

36.2

42.4 47.5 47.7 5 .4 52.3

GLUBAL CLIMATOLOGY OFANCH USAFETAC ALL ASATOR & SPRVICE/MAC

CEILING VERSUS VISIBILITY

SPETTA AFR AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL.

CEILING							VIS	IBILITY ST	ATUTE MIL	iE5		,				1
. FEE.	≥10	≥6	≥ 5	≥4	≥ 3	≥2;	≥ 2	≥1′;	≥1.	≥1	≥ '₄	≥ ′•	≥ 7	≥ 5 16	2.	≥0
NO PEILING 20000	•	7.		5•₺	ī, c	5 • 3 5 • 9		F.7	6.	5.3	5 . ? 5 . ?	3 • 3 6 • C	5 • 4 6 • 0	5.4	5.5	5.5
≥ 18000 ≥ 16000	•	, ç	, -	6.0 5.0	(• (6 • ?	6.2		f • t 6 • 3	: • : 6 • 7	6.3	4•2 6•3	6•2 6•3	6 • 2 6 • 4	6.3 6.4		6.4
≥ 14000 2 12000		(•2 (•4	′•8 ′•8	€.5	5.7 6.5	6.3 5.5	6.0	6.4 6.6	6.0 6.0	٠. u	6.4 6.7	6.4 6.7	6.4 6.7	6 • F	6.5 6.8	6.6 6.3
≥ 10000 ≥ 9000	1 . 1	(• 6 + • 7	· 7	0.7 5.7	6.8 0.8	6 • P	6.9	€.8 6.0	6.0	6.9	6.°	6.9	6.9 7.0	7.0	7.1	7.1 7.1
2 8000 2 7000	• !!	7.4	7.1		7.6	7.6 3.5	7.5	~• 7 ~• 3	7.7	7.7 6.4	7.7 £.4	→.7 9.4	7 • 8 8 • 5	7 • 8 8 • 5	7.0 8.6	8.0 8.5
5000	5.2	• \{`•	, ,		0.7	3.0		7•7	γ•ι •	ં • ⊊ •	۰ و	9•8 9•8	9 • 1 9 • 9	9.1 9.9	0.2	9.3 10.1
* 4500 * 4000	• 6	**• 5		11.	11.7	9.0 11.2	11.3	17.0		10.0 11.4	17.1 11.4	1 :•1 1 :•4	10.1	10.2 11.5		10.3 11.7
2 7500	7.	1.00	17.	17.1	17.7	13.3	13.5	17.3 13.5	17.3	12.4 13.5	13.6		12.5 13.7	12.5 13.7		12.7 13.9
2500 2600	· · ·	10.0	14.7	14.3	17.5	14.5	17.7	17.7	14.7	14.8 17.8	14.9 17.0	14.8	14.9 18.0	15. 18.1	15.1 19.3	15.1
2 1500 2 1500	• •	15.0 3:01	27.4	17.6	21.0	17.9 21.6	21.9	16.1	18.1 22.	18.2	18.2 22.1	18.2 22.1	19.3 22.2	18.5 22.4		18.6 22.6
± 1000 ± 1000	17.	23 25. ε	25.7	74 • 2 27 • 5	25.0	75.0 78.7	29.1	79.2	25.5 29.3	25.7 29.5	25.8 29.6	25.8 29.6	25 .9 29 .8	26. 29.9	26.2 3^.1	76.2 30.2
≥ 900 ≥ 800	17.7	26.5 23.	27.6	28.5 39.4	27.7	29.8 31.9	32.4	30.4 32.6	30.5 32.7	30.6 33.0	30.8 33.1	30.8 33.1	31.0 33.3	31 • 1 33 • 4	31.3 33.7	31.3 33.7
≥ 700 ≥ 600	14.	31.2	31.7	30 • 4 34 • 2	34.3	74.4 36.7	37.6	75.3 38.1	35.4 38.2	35.6 38.5	35.8 38.8	35.8 35.8	36.7 39.1	36 • 2 39 • 4	36.4 30.8	36.5 39.9
≥ 500 ≥ 400	15.4	37.8 35.6	36.4 38.7	3".6 41.5	42.8	43.1		46.4 53.6	46.7 54.5	47.7 56.6	48.6 58.6	48.6 53.8	49.2 59.9		5n.4 62.2	50.6
± 200	15.4	36.4 36.7	39.8	43.4	49.8 5 7	51.5	56.1		59.9 62.4	63.7 67.1	67.7 72.6	68.1 73.3	71.0 77.9	73.7 81.9		79.7
≥ 100 ≥ 0	1	36.7 36.7	40.2	43.4	50.7	51.5 51.5		67.6 67.6	62.6 62.6	67.4	73.3 73.3	74.1	79.2 79.2	84.3 84.4		98.2 1 0.0

OTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 64 0-14-5 (OL.A.) PREVIOUS SOLITIONS OF THIS FORM ARE ORSOLETI

STEPAL CLIPPINGS PLOSY PRANCH PRAFFTAC ATT 21 ATTOR STRVICT AND

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>ະດູດໆ-ໆລະດວ</u>

CELING							VIS	BILITY ST	ATUTE MIL	ES:						
* FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥11;	≥1'4	≥1	≥ 1/4	≥ '*•	≥ '7	≥ 5 16	≥ .	≥0
NO CEIUNG ± 20000		21.5	23.4 23.4		22.7	72.7	22.7	77.8 23.8	22.9 23.8	22.8	22.9	22.9	22.9	22.9	22.9	72.9
≥ 18000 ≥ 6000	• 1	- 23•7 - 23•7	24.7 24.7	24 • 7 24 • 7	24.9 24.9	74.9 24.9	24.9	25.0	25.C	25 • 1 25 • 1	25.2 25.2	25.2	25.2 25.2	25.2	25.2	25.2
≥ 14000 ≥ 17000	ς,	24.1 24.5	25.5	25 • 1 25 • 6	2:.4 25.9	25.4 25.9	25 • 4 25 • 9	25.6 26.0	25.6 26.0	25.7 26.1	25.8 26.2	25.8 26.2	25.8 26.2	25.8	25.8 26.2	25.8
2 10000 2 9000	# • d	1	25.1 25.2	26 • 1 26 • 2	26.4 25.6	26.4 26.6	26.4 26.6	76.6 26.7	26.7	26.7 26.8	26.8 26.9	26.8 25.9	26.8 26.9	26.8 26.9	26.8 26.9	26.8 26.9
≥ 8000 ≥ 7000		27.4	29.4	27 • £ 2c • 4	27.0 25.8	27.9	27.9 23.8	28.9	28.9	23.1 29.0	28.2 29.1	25.2 29.1	29.2 29.1	28.2 29.1	28.2 29.1	28.2
2 6000 2 5000	0 • 7	7d • 1	27.1 3.1	20 • ¥ 3′ • €	27.4 31.7	31.2	29.4 31.3	20.6 31.3	20.4 31.3	29.7 31.4	29.8 31.5	29.8 31.6	29 • 8 31 • 6	29.8 31.6	29.8 31.6	29.8 31.6
4500 4000	7•1 2•3	73.3 41.1	34.1	34 • 1 42 • 3	34.5	34.8 43.6	34.9	34.9 43.4	34.0 43.4	35. 43.6	35.1 43.7	35.1 43.7	35 • 1 43 • 7	35 · 1	35.1 43.7	35 • 1 43 • 7
2 1500 ± 2 1000 ►	1.	4 . 0	5 . 2	46.3	47.0 5/.9	47.0 50.9	47.3 51.2	47.4 51.3	47.4 51.7	47.0 51.4	47.7 51.6	47.7 51.6	47.7 51.6	47.7 51.6	47.7 51.6	47.7 51.6
2500	17.4	5 3	57.4 67.5	53.4	54.2	61.9	55.1 62.5	55.2 52.7	55.2 62.7	55.3 62.8	55.4 62.9	55.4 62.9	55.4 62.9	55.4 62.9	55.4	55.4 62.9
2 1500 2 1500	13.4	5 . 0	61.7	61 • 4 66 • 9	62.4 62.6	68.9	69.6	67.6 69.8	63.6 69.8	63.7	63.8 70.0	63.8 77.0	63.8	63.8 70.0	- 1	63.8 70.0
2 1000	19.4	66.3	69.1 71.2	71.9	71.7	72.1	72.9 75.7	73.0 75.9	75.9	73.1 76.3	73.2 76.4	73.2 76.4	73.2 76.4	73.2 76.4	73.2	73.2
≥ 800	14.7	66.7 57.8	71.6	72.2		75.4	76.1 77.9	76.3 78.1	76.3 78.1	76.8 78.6	76.9 78.9	76.9 78.9	76.9 78.9	78.9	78.9	78.9
≥ 700 ≥ 600	14.7	69.3	73.9	76.1	83.5	79.6	87.4	8D.7	80.7 82.1	81.1	83.1	81.6	83.3	81.6	83.3	83.3
≥ 500 ≥ 400 ≥ 300	14.7	70.3 70.6	75.4	77 • 6 78 • 6	82.2	83.1 85.4			85.1 89.2	9 9	91.6	91.6	92.2			86.9 92.3
≥ 200	14.7	7:06	76.8 76.8	79.0 79.0	84.9 85.0	95.9 96.0	87.9	90.7	91.2	93.9	93.6	93.6		94.9		
≥ 100	14.	7 .6	76.9	79.5	85.7	96.0	88.4	90.7	91.2	93.9	94.9	95.0 95.0	1		98.8 99.0	99.7

TAL NUMBER OF ORSERVATIONS 93

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS ESTRONS OF THIS FORM ARE OBSOLETE

CERRAL CORMATOLOGY BRANCH BENERTYC AT JESTH SURVICENSAC

CEILING VERSUS VISIBILITY

TISTA SHITHYA AFO AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-0500

ChiNo							V15	IBILITY STA	ATUTE MILI	is.						
· FEE*	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥ ?	≥1;	≥1.4	≥1	≥ i. <u>a</u>	واد خ	≥ 9	≥ 5 16	≥.	≥0
NO CEUNG 20000	4.	7.7.4 23.0	27.	29.2 24.2	23.4 24.4	73.1 74.4	24.6	73.2 24.6	2	23.2	23.2 24.6	23.2	23.2 24.6	23.2 24.6	23.2 24.6	24.6
≥ 18000 ≥ 18000	u •	74.€2 36.€2	24.7	24.7		24.9	25 • 1	^F•! ^F•!!	25.	25.°°	25.5 25.1	25.5 25.6	25.1 25.1	25.°	25.0 25.0	75.0 25.0
≥ 14000 ≥ 12000	ij. ij.	74.7 74.5	5 E	25.3		75.4 25.6	25 • 6 25 • 7	75.6 5.7	25.6 25.7	25.6 25.7	25.6 25.7	25.6 25.7	25.6 25.7	25.6 25.7	25.6 25.7	25.6 05.7
≥ 4000 ≥ 4000	5. • ↑ 4 • ↑	75.8 75.4	24.3	26 • 3 26 • 4	25.7	76.6 76.7	26 • 7 26 • 8	?6∙7 ?6•8	26.7 26.8	26.7	26.7 26.9	26.7 25.9	26.9	26.7 26.7	26.7 26.9	26•7 76•9
2 8600 2 7000	, O	7.7.7	2.	27.4	28.0	77.7 78.4	27 • 8 28 • 6	73.6	27.8 28.6	27.8 2°.€	27.9	27.9	27.9 28.7	27.9	27.9 28.7	28.7
± 6000 ± 5000	•: 5•3	70.4	20.0	28.9 7.0	31.7	"9 • 1 "U • 3	2°•3	37.3	37.4	70.4	20.3 30.	29.3 30.6	29.3 30.6	29.3 30.6	30.6	35.6
4500 4000	7.7	72.2 35.7	39.1	37.8	30.8	39.8	33.7	30°0	33.7	33.3 43	33.4 40.1	33.4	33.4 41.1	33.4 40.1	33.4 47.1	40.1
2 3500 2 3006		46.4	41.7	47.8	48.1	42.3	47.4	4 - 3	42.7	42.7	42.0	48.7	42.9 48.7	42.9	42.9	48.7
2500		39 . 2	61.	54.2 61.0	62.7	62.7	54.7 62.9	57.9	63.	54.9 63.0	63.3	55.1	55.1 63.3	55.1 63.3	63.3	63.3
500	11.	64.3	65.7	67.8	69.0	9-1	69.6	59.7	63.9 69.8	69.8	77.1	64.1 7:.1	64.1 77.1	70.1	64.1 70.1	70.1
≥ 1000 ≥ 1000	17.3	6.6.3	77.4	73.9	76.	72 • 3 76 • 2 76 • 9	72.9	76.9	77.0	73.3 77.3	73.7 77.7 78.3	73.7 77.7 78.3	73.7 77.7	73.7 77.7 78.3	73.7 77.7 78.3	
≥ 800 ≥ 800	12.3		7 . 7	75.9	79.7	78.6	79.3	79.4	79.6 81.2	79.9	87.6	8 6	87.6	80.6 82.2	87.6	83.6
≥ 700 ≥ 600	12.3	71.7	76.6	78.6	81.0	PC-3	83.4	93.6	83.7	84.0	84.7	84.7	84.7	84.7	84.7	84.7
2 500 2 400	12.3	72.6	77.0	30.3	85.€	"6.1 36.4	89.4	9^.6	92.6	91.7	92.6	92.7	93.1	93.1	93.2	93.2
2 200	12.3	72.7	:		85.0	86.4	89.6	97.0	92.9	94.2	95.9 96.0	96.0	97.4		98.3	98.3
2 0	17.3	72.7	79.	F ` 4		R6.4	89.6		92.8		96.0		97.6			100.0

AL NUMBER OF ORSERVATIONS ______971

USAF ETAC 2014 0-14-5 (OL A) REVIOUS SOMICHS OF THIS FORM ARE COSCUE?

CLOSAR CLIMATOLOGY 3 ANCH MEATETIC AT ANTHE STAVICTAR

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-530-080d

ElliNo			-				VI5	18)LiTY 51.	ATUTE MIL	ES						
166.	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1';	≥114	≥1	≥ :₄	≥ '₃	≥ ;	≥ 5 16	≥.	≥c
20000	·,•,	~ · ·	2	î. 21.6); • ?); • 7		11.1 21.9	21.1	21.1	21.1	71.1 71.9	21.2	21.3	21.3	21.4
≥ 18000 ≥ 6000	7 • 1 7 •	71.4	27.0	77.2	22.4 22.4	72.4	22.6 22.6	22.7	22.7	22.7 22.7	22.7 22.7	22.7		22.7 22.9	22.9 22.9	23.5
≥ 14000 ≥ 12000	7.	71.4 71.6	22.4	00.3 20.4	22.7	22.6 22.7	22.3	27.0	22.0	22.8 22.9	27.0	22.9		23.3	23•2 23•3	23.3
± 10000 ≥ 9000	•	71.7	27.6	32.7 22.7	22.0	22.9	23.	77.1 27.1	23.1	23.1	23.2 23.2	23.21 23.2	23.4	23.6 23.6	23.6 23.6	23. 7
≥ 8000 ≥ 2000		27.1 28.0	25.0	24.1	24.7	26.3 26.2	25.3	74.6	24.6	24.6 25.4	24.7 26.6	24.7 26.6	24.9 26.8	26.9	25.0 26.9	25.1
.: 600C - 500C	. 9	74.7	27.7	27.4	27.7	76.3	27.3	27.9		26.6 27.9	26.7	26.7	25.2	28.3	25.3	27.1 28.4
3 4500 2 4000		77.V	37.0	تورنا	27.1	76.1	27 • 3 35 • 2	79.4	20.4 36.3	29.4 36.3	20.6 36.4	24.6	35.7	79.9 36.8	36.8	
2 1500 2 1000 	1 • 4	4:.7	40.4	45.6	45.	11.1	41.7	46.4	41.7	41.3 46.4	41.6 46.7	41.6	46.9	47.0	47.0	47.
2500 - 2000	14.7	5 • 1 5 • • 5	57.0		61.7	「Z.º ≦1.1	61.2	57.1 51.4			53.3 61.7	52.3 61.7	53.6 61.9	62.C	62.0	53.8 62.1
2 1500 2 1500 - 1200	1. 1	£ . 7	67.0	67.0	60.0	2.2 68.1		57.6 58.6	62.6 62.7		62.8 68.9	63.9			63.1 69.2	69.7
1000	: • 4 : • 4	6~.7		-4	75.1	72.55 75.2	70.3 75.9		76.5	73.2 76.8	77.4	73.4 77.0	73.7 77.2	77.3	73.8 . <u>7.3</u>	77.4
≥ 80x 700	- 4	57.3 6.6		75.6		75.3 77.2	76.7 77.3	76.6 78.4	78.5	76.9 78.8 8.9	77.1 79.	77.1 79.0 81.1	77.7 79.2	75.3	77.4 79.3	79.1
2 600		7 . 1	75.	78.4 8 '•1	73.8 87.4 33.7	79.0 1.0		23.2 96.9	33.3	83.7	81.1 94.0 87.9	84.0	84.2	84.3	81.4 84.3 88.3	94.4
2 400	2	71.7		31. 87.0	34.0 85.9	95.4			80.	87.4 90.0 92.8	90.6	93.6	91.0	91.1	91.1	91.2
± 200 ± 200 	• ′4	71.7	72.0		86.0	26.8	89.3	91.3	91.7		93.6 94.1 94.2	94.2		96.7	95.1	98.4
L_1	. 3 • 4	_		32.u	85.0 85.0	°6•3	89 • 7 89 • 2								98.7 98.9	

OTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 44 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE OBBOLE

BLOGAL DEIMOTOLOGY PLANCH LOFETTAC AT LOFTHON SERVICEZIAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

909-1100

Fit Ni+							VIS	IBILITY ST	ATUTE MIL	£5						
· FEE*	2:0	≥6	25	2.4	≥ 3	≥2.	≥ 2		≥1:4	≥1	≥ .	≥`.	≥ 5	≥5 16	≥ .	≥0
NO CEDNO 2 20000	• •	7	1	10	1 .1	16.6			15.1	15.1 16.6		15.1 16.6	15.1 16.6	15.1		15.4
≥ 18000 > 5000		7.9	17.7	1 - • 2 1 - • 6	1 6	1:.2	10.6	18.6		16.2 18.6	19.5	1°.2 18.6		18.2 16.6	18.3 18.7	18.7 19.
≥ 14000 ≥ 2500 • = ======	. 1	1, 3	1 • 7	17.4	10.4			9.6	19.5			19.0 19.4	19.0 19.4	19.4	10.1	19.4
ु ° सम्भी १ जानम • ा= + +=	* • 4 • • • •	• 1		"	2 • n 23 • 2	7.0	2:?	21.2	20.0	21.2	21.2	71.9	21.0	21.3	21.4	21.4
+ P (V) - */HX 	• • • •	4.	2 '•	****	: - 7 - 1 - 4	25.4	25.6	25.6		25.6	27.7 25.6	22.7	25.7	25.7	22.0	23.2 76.1
5000	1.4	- 1	2	7 4			20.7		28.7	26.8	26.3	24.3 23.8	29.9	28.9		26.9 29.3
* 4500 * 4000	-, - ,	2 • 1 34 • 5	34.	36.1	27.6 36.7 43.0	79.6. 6.3	35.4		36.0	29.0 76.6	29.8 35.6	36.6	36.7	79.9 36.7	37.0 36.8	70.3
± 1906		4 . 1	52	4, 4	4	46.7	41.1 45.3		41.1 44.0	41.2 46.9	41.2 46.0 53.2	46.9	47.0		41.4	41.9
+ 2000 - 800	14	F 4	1	6. 9	63.1	1.2	61.4	' ' '	1	£1.6	61.6	- 1	61.7	61.7	61.8	
2 1500 2 1200	46	67.8	65.0	$\frac{6}{71.2}$		47.8	68.7	40.0	60.0	68.1	65.1	69.1 72.3	68.2	63.6 68.2 72.4		
2 1000	•	71.2	74.1	4 . 8	75.4	75.4	75.8	76.	76. 76.7	76.2 77.	76.7 77.	76.2		76.3		_
2 800	7.4			79.6	77.7	77.9	- 1	79.6			78.9	78.9 82.7	79.	79.7	79.1	1
2 600	i	73.1	77.8	79.3	81.0	92.1	43.3	3.7	86.6	84.4	84.6	84.6	84.7	84.7	84 - 8	F5.1
≥ 400	1.1	74.5			84.P		87.2	° 9. 2	88.7 89.0	89.7 91.9	9 . 7	93.6	91.2	91.3		
± 200	101	75.3		92.2	85.F	36.4 16.4		89.6		92.3	94.	94.1	95.0	95.9	97.6	98.2
<u>`</u>	1.1	75.3	8 .4	P 2 . 2	85.F			89.6	9r.2	02.3						

TOTAL NUMBER OF OBSERVATIONS...

9.00

USAF ETAC Dates 0-14-5 (OL A) Mevious portions of this form are descript

CERTAL CETATTOLOGY OF ANCH.
LESTOTAC
AT ATATE A SETVICE ANA

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 - 1410

CEILING							VIS	IBILITY ST	Afute Mil	ES						
FEE:	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	≥1;	≥1.	≥1	≥ ′₄	≥ `*	≥ 7	≥5 16	≥.	≥0
NO CEIUNG ≥ 20000		7.4	15.	17.8	1: . "	15.8		: F . A	17.0	15.r 17.8	1 * • 9 1 7 • 8	15.9				15.9
≥ 18000 ≥ 16000		1 7	10.4	10.2 10.4	10,0	19.2	12.7	; ^ . 2	17.2		10.2	10.2	10.2	19.2	17.2	
≥ 14000 ≥ 17000	1	: ^ . ? : ^ . 7	10.0	15.9	().0	19.9	10.1	19.9	17.9 26.3	19.9 20.3	20.3	19.9			19.9	20.0
20000		71.1	21.	?1.6 20.5	21.a 22.0	71.5	21.4 22.4	71.8 71.8	21.0 22.	71.9 22.	21.F 22.C	21•8 22•0	21.8	21.8 22.0	21.8	
≥ 8000 ≥ 2000		77.1	27.	74.0 7.0	21.0	74.7 77.0	24 • 1 27 • 1	27.1	24.1	24.1 27.1	24.1 27.1	24.1 27.1	24 • 1 27 • 1	24.1 27.1	24.1 27.1	24.2 27.2
≥ 6000 - 5000		7.03 71.7	3,	2°•2	32.6	72.6		7 • 7 7 7 • 7	32.7	28.3 32.7	28.3 32.7	29.3 32.7		28.3 32.7	28.3 32.7	
4500 4000		71.4	-	34.0 42.3	34.7	74. 112.4		4 ? . €	34.1 42.6	34.1 42.6	34.1 42.6	34.1 42.6	34 • 1 42 • 6	34.1	34.1 42.6	34.2
2 3500 2 8006 	3 • 6 • • • •	45.9	95.7 51.3	46.05	46.7 52.5	47.0	1201	7.0	47.1 52.4	47.1 52.4	47.1 52.4	47.1 52.4	47.1 52.4	47.1 52.4	47.1 52.4	47.2 5/.6
2506 2000	4 1	5.2.7	5°.	5.5 • 3 5.4 • 7	64.5	58.6 64.9	65.	5 3 • 7 7 5 • 1	58.7 65.	58.7 65.0	58.7 65.0	58.7 65.0	58.7 65.2		58.7 65.0	58 • 8 65 • 1
2 1800 2 1500 	2.0	63.5	70.3	65.6 71.0	65.7 71.3	65.6	71.4	35.9 	71.6	71.6	71.6	65.9 71.6	65.9 71.6	71.6	65.9 71.6	71.7
2 1000 2 1000	5.4 5.4	73.6	76.2	73.6 77.7	74.5	78 • 3	75.6		74.2 78.6		74.2	74.2 78.7	74 • 2 78 • 7	78.7	74.2 78.7	
≥ 900 ≥ 800 ≥ 700	5 - 5 5 - 7	74.1 75.4 76.1	77.1 78.1	79.4	81.3	79.7	81.7	91.9	87.7 61.9		3°•1 82•1	82.1	80.1 82.1	80.1 82.1	82.1	20.2 22.2
2 600	50.3 55.3	77.	8 . ?	62.3	84.6	°3.7	86.2	25.0	85.7	35.4 87.3	35.4 87.3				87.4	85.6 87.6
≥ 500 ≥ 400 ± 300	5 7	77.6	81.4 82.7 83.2	92.9 84.2	85.7 87.0	°5.9 °7.2	87.2	7".0	91.7	92.3	90.2 93.4 95.6	93.6		94.0	94.2	94.3
2 200	5 7 5 6 7	78.4	83.2	84.7	87.0	88.1	- 1	71.2		94.0	95.7 95.7	95.8	97.7	96.8 97.3 97.6	98.8	97.6
2 0	54.7				87.0	38.1	9 . 2	(95.7	95.8			1	

TOTAL NUMBER OF OBSERVATIONS_

900

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLET

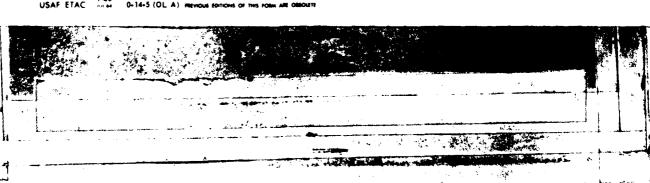
GLASAL CLEMATOLOGY REANCH USAFETAC AFATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

SHEHYA AFR AH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

LEILING	!						VIS	BILITY ST	ATUTE MIL	E5						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥17:	≥1'4	≥1	≥ :•	≥ `•	≥ ,	≥ 5 16	≥ .	≥0
NO €EILING ≥ 20000	? . 5 •	1 :	19.7	1 4 • 3 2 • • 3	10.7	18.3	18.7	2 4 2 7 4	10.4 20.4	1 • 4 2 (• 4	19.4 20.4	19.4 20.4	4	18.4 20.4		
≥ 18000 ≥ 16000	* ° 3	?1.6 ?1.	21.9	21.9	21.5	72. 72.	23.7	72.1	22.1	22.1	22.1 22.1	22.1	22.1 27.1	22.1 22.1	22.1 22.1	22.1 22.1
≥ 14000 ≥ 12000	17 9			72 • Z 27 • .	27.7	72.3 3.1	27.1	27.4 27.2	22.4 23.1	22.4 23.2	22.4	22.4	22.4	22.4	22.4 23.2	22.4
20000 ≤	7.3	24.6	20.6	25.6		15 • 1 25 • 7	25 • 1 25 • 7	75.8	25.3	25.2 25.8	25.8	25.2 25.8	25.2 25.8	25.8 25.8	25.2 25.9	25.9
≥ 9600 ≥ 7000	27.9 27.6	71.9	37.2	32 • 3	37.6	28.6 32.7	28 • 6 32 • 7	7.5.7 32.8	28.7 37.3	28.7 32.8	28.7 32.5	28.7 32.8	28.7 37.3	28.7 32.8		32. A
≥ 6000 ≥ 5000	4 	32.3 34.0	37.? 35.?	33.3 35.3	35.6	73.7 35.7	33.7 35.7	33.8 35.8	33.9 35.9	33.° 35.8	33.8 35.8	33.8 35.8	33.8 35.8	33.8 35.8	33.8 35.9	, ,
* 4500 * 4000		₹6•3 45•2	44.7	76.9 46.8	47.0	47.1	37 • ? 47 • 1	37.3 47.2	37.3 47.2	37.3 47.2	37.3 47.2	37.3 47.2	37.3 47.2	37.3 47.2		
≥ 3500 ≥ 3000	4 3 • 7	54.2	54.0	50.4 55.4	50.7 55.6	50.3 55.7	50 • ? 55 • 7	55•8	50.0 55.3	50.9 55.8	50.9 55.8	5 •9 55•8	50.9 55.8	50.9 5 5. 8		
2500 2000	. !	55.7 54.3		50 • 5 66 •	6 • °	66.9	66.9	67.	67.	60.2 67.	60.7 67.0	60.2 67.0	60.2 67.0	60•2 67•0	67.0	i !
± 1900 ± 1500	51.3 - 3.4	45.7			73.1	68. 73.2	68.°	68.1 73.3	68 • 1 73 • 1	68.1 73.3	68.1 73.3	63.1 73.3	68.1 73.3	68.1 73.3	68.1 73.3	!!!
≥ 1000	4 • 7 5 • 5			75 • U 78 • J	75.9 79.3	76.F	76.7 79.4	76.1	76 • 1 79 • 6	76.1 79.9	76 • 1 79 • 9	76.1 79.9	76.1 79.9	76 • 1 79 • 9		, ,
≥ 900 ≥ 800	5 • 6 5 • • 2	76.1	75.8	78 • 1 80 • 1	77.7 81.9	79.8 82.	79.8 82.1	9 2 . 3	79.5 82.3	8 • 2 8 2 • 8	80.7 82.8	90.2 82.8	87.2 82.8	80.2 82.8	80.2 82.8	1 1
≥ 700 ≥ 600	5(•) 56•9	76.6 77.6	8 .0		87.1 87.1	93.2 85.3	83.4 85.7	86.1	83.7 86.1	84.1 86.7	86.9	84.1 86.9			84.1 86.9	86.9
≥ 500 ≥ 400	57.1 57.1	78.7 78.9		84.2 85.	37.4 88.7	97.7	9 1 6	91.8	89.9 92.7	90.9 94.	95.0			95.4	91.7 95.6	95.6
≥ 300 ≥ 200	57.2 57.2		6.3	85.2		89.1	9 1. A 917. 9	92.3	93.2 93.4		0. 5	96.8 97.3		98.4	99.1	99.1
≥ 130 ≥ 0	57.2 57.2	79.5 79.	87.0	35 • 2 85 • 2	88.9	89.1 89.1	90.9 90.9		93.6 93.6	95.2 95.2	97.3	97.4 97.4	1	98.7 98.7	-	170.0 170.0



CLORAL OLIMATHENGY PLANCH USAFETAC ATH REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TO PLATE SHOUND AFR AN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1810-2000

CERUNG							VIS	IBILITY ST.	ATUTE MIL	ŧs						
· • • • • • • • • • • • • • • • • • • •	≥10	≥6	≥ 5	≥4	≥ 3	≥2 ;	≥ 2	≥115	≥1.4	≥1	≥ ¼	≥''∍	≥ ,	≥ 5 16	≥ .	≥0
NO CEIUNG ≥ 20000	.3.0 :3.6	17.3		17.7 2.1	17.7	17.7	17.7	7.7	17.	17.7	17.7 27.1	17.7	17.7	17.7	17.7	17.7
≥ 18000 ≥ 16000	1.,6	? •8 2 •6		21.4 21.4	21.6 21.6	71.6 71.6	21.6	21.6	21.6	21.6 21.6	21.6 21.6	21.6	21.7	21.7	21.7	
≥ 14006 ≥ 12006	: :5.%	21.	21.7	21.7 22.6	21.P 22.9	21.0 22.7	21.9	71.8	21.8 22.9	21 • 8 22 • 9	21.8 22.9	21.8		1	21.9 23.0	
≥ 10000 ≥ 9000	17.8 17.6	24.4 24.4	27.7	74.9 75.2	25.3 25.3	75.73	25.1 25.3	75.	25. 25.3	25.7 25.3	25.7 25.3	25.0 25.3	25 • 1 25 • 4	25.1 25.4	25.1 25.4	25.1 25.4
≥ 8000 ≥ 7000		26∓ 25€	30.0	27.7 30.0	27.8 31.5	27.8 31.0	27.9 31.7	77.8 71.0	27.2 31.:	27.8 31.0	27.9 31.1	27.9 3.1	28.1 31.2	28. \ 31.2	28.5	28.1 31.2
≥ 6000 ≥ 5000	5.	3:•1 33•4	311.	37 • J	32 • 1 34 • 4	7 • 1 74 • 4	32 • 1 34 • 4	37.1 34.4	37 • 1 34 • 4	₹2•1 34•4	32.2	32.2 34.6	32 • 3 34 • 7	32 • 3 34 • 7	32.3 34.7	
4500 4000	36, 1	35.0 42.9	43.9	35 • 7 43 • 9	35.0 44.1	"6."	36 • 7 44 • 1	94.1	36 • ·	36.7 44.1	36.1	36.1 44.2	36 • 2 44 • 3	36 • 2 44 • 3	35.2	36.2
2 1500 2 1000		46.6 5.7	51.3	47.6 51.8	47.9 53.1	2.1	47.9 52.1	77.8 52.1	47.8 52.1	47.8 52.1	47.9 52.2	47.9 52.2	48.7 52.3	48.0 52.3	48.7 52.3	
2500	46.9	54.5 61.7	55.0 62.9	55.9 62.8	56.7 63.1	56.2 3.1	55 • 2 63 • 1	56.0	56.2 63.2	56.2 53.2	56.3 63.3	56.3 63.3	56.4 63.4	56.4 63.4	56.4 63.4	56.4 63.4
2 800 2 1500	4 7 • 7 5 • 1	53.3 58.0	70.2	64 • 7 78 • 4	77.9	5. 70.9	65.7	71.3	65 · ! 71 · 3	65.1 71.6	65.2 71.7	65.2 71.7	65.3 71.8	65.3 71.8	65.3 71.8	
200 ≥ 1000	5 - 0	7 . 3	75.4	72 • 8 76 •	77.4	73.6 77.3	73.9	74.5 77.9	74.1	74.3 78.2	74.4	74.4 78.3	74.6 78.4	74.6 78.4	74.6 78.4	
≥ 900 ≥ 800	57.7	72.6	77.0	76.1	77.3 79.3	77.4	77.7 8:•1	78. \ 80.2	78 • · · 2	78.3	7P.4	78.4 81.8	78.6 87.9	78.6	78.6 80.9	78.6
2 700 2 600	51.3	74.7 75.2	79.8	79.7 8'.9	81.3	12.9	82 • 1 84 • 5	P7.2 84.3	84.3	82.7 85.0	82.9	82.9 85.8	83.0 86.0	86.	83.0	1
≥ 500 ≥ 400	51.3 22.9	75.9 76.7	82.1	87.2 83.6	84.1	26.7	85.6	96.7 88.9	86.1	87.8 91.6	93.1	89.0 93.1	89.2 93.6		89.3 93.7	
≥ 300 ≥ 200	.2.1	77.0		83.9	86.4	26.9	89.1	87.6					95.4	98.2	96.7 99.1	96.8
≥ 100 ≥ 0	32 • 1 12 • 1	77. 77.0	87.4	83.9 83.9	86.7 86.7	96.9 86.9	89 • 1 89 • 1	89.8		92.8 92.8	- 1		97.7	98.8 98.8	99.7	

STAL NUMBER OF OBSERVATIONS

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS FORTIONS OF THIS FORM ARE CONCUR.

ELOMAE CETMATHERCY REANCH USAFETAC ALO WEATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

SUCTYA AFR AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

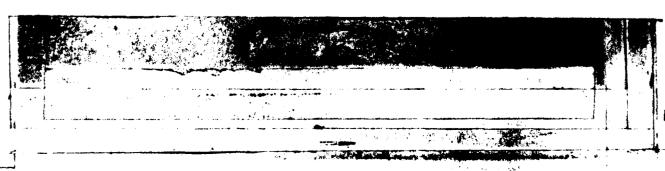
1 7-2376

CEIUNG	!	·					VIS	BILITY S!	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ 2	≥117	21.	≥1	≥ '.	≥ '•	≥ ,	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	1 2	17.7		10.7	13.5	18.8 19.9	1° • 3	1.8 19.0	15.9 19.9	1 .6 15.9	19.8 19.9	18.E 19.9	18.8		19.8	
≥ 18000	1.	 	21.1	21.2	21.f 21.f	21.6	21.6	71.0	21.6	21.6 21.6	21.5	21.6 21.6	21.7	21.7		71.7 71.7
≥ 14000 ≥ 12000	1.1	2 • 4	21.7	21.7	21.7 22.F	71.7 2.0	21.7 22.0	71.7	21.7	21.7 22.0	21.7	21.7 22.0	21.9	21.0	21.8 22.1	21.8
≥ 10000 ≥ 9000	2 	21.6	27.7	22.8 22.8		7.1	27.1	75.1 27.1	27.1 23.1	23.1	23.1	23.1	23.2	23.2	23.2	23.2
≥ 8000 ≥ 7000	1 • 3	20.3 75.8	2 " • "	24 • 7 27 • 1	25.0	25.0 27.4	25 • 1 27 • 4	25.1 27.4	75.4 27.4	27.4	25.4	25.0 27.4	25 • 1 27 • 6		25.1 27.6	
÷ 6000 ÷ 5000	19.2	26.2 28.5	24.9	27.6 29.9	27.9 3.2	7.9	27 • 9 3 • 3	27.5 77.5	27.0	27.9 30.2	27.9 30.2	27.9 30.2	28.0 30.3		28.0 30.3	
- 4500 - 4000	1	70.4 35.7	37.0	31.8 38.0		78 • 1 78 • 3	32 • 1 39 • 7	₹2•1 33•3	32.1 38.3	32 • 1 32 • 3	32.1 38.3	32.1 34.3	32.2 38.4		32.? 38.4	32.2 38.4
2 3500 2 1000	? • 4		46.1	43.1 46.2	43.4 46.€	46.6	43.4	45.7	43.6 46.7	43.€ 46.7	43.6 46.7	43.6 46.7	43.7 46.8		43.7 46.8	43.7 46.8
2500 2000	24. 27.	4 (• 8 5 7 • 4		51.4 59.3		51.8 55.7	51.0 59.9	59.9	51. 59.0	51.0 59.9	51.C 59.9	51.0 59.9	51.1 61.0	51.1 60.0	51.1 60.0	51.1 60.0
2 1500 2 1500		5°•7		60.9	67.2	67.2	61.4	61.6 67.8		61.6 67.8	61.6 67.8	61.6 67.8	61.7 67.9	61.7	61.7 67.9	61.7 67.9
≥ 1000 ≥ 1000	29.7	60.3	69.8 71.9	7 •0 72•1	71.7 73.4	71.0 73.4	71 • 4 74 • 2	71.6	74.3	71.6 74.3	71.6 74.3	71.6 74.3	71.7 74.4		71.7 74.4	71.7 74.4
≥ 900 ≥ 800	30.1 30.1	68.1	72. 74.3			73.9 76.8	74.7	74.8	74.8 77.8	74.8 77.8	74 • 8 77 • 8		74.9 77.9		74.9 77.9	74.9
≥ 700 ≥ 600	3 2	71.4	75.6 76.7	76.4		79.1	87 • D	32.7	80.4 82.7	80.6 83.1	8°.7 83.2	8 ^ • 7 8 3 • 2	87.8			811 - 8
≥ 500 ≥ 400	31.3	72.3			8?•2 83•6	P2.4	84.7	95.1 87.7	85.7	86.1			87.0 97.9	91.3	87.3 91.7	21.7
2 300	30.4	73.1	79.2	80 • 2 30 • 3	84.7		87.7	99.1 89.8	90.7	91.9				97.8	98.8	
≥ 00	3 • 4	73.2 73.2	79.3 79.3	8 - 3	84.0 84.0		87 • 7 87 • 7	89.8 89.8	90.7 90.7	93.2 93.2				98 • 1 98 • 1		- 1

TOTAL NUMBER OF OBSERVATIONS...

900

USAF ETAC 108M 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DESOLET



CLITAL CLIMATOLOGY PRANCH CIRCLING AT ASATHLA SERVICEMAC

CEILING VERSUS VISIBILITY

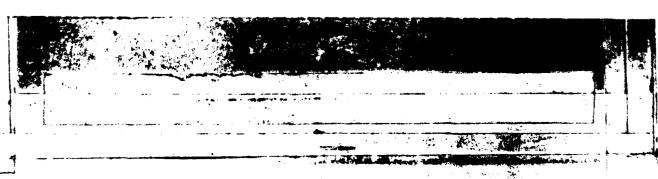
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_ALL

CENING							VIS	IBILITY ST	ATUTE MIL	ES						
FE:	≥10	≥ 6	≥ 5	≥ 4	≥3	≥2 ?	≥2	≥1:	≥1.	≥1	≥ 1.a	5,.	≥ γ	≥ 5 16	≥ .	≥0
NO CEILING 20000		1 .4	10.0	19.0	1 ~ · · · · · · · · · · · · · · · · · ·	19.0 2J.6	10.1 20.5	1 0 1 20 (19.1	19.1 20.6	17.1	1 3 • 1 2 9 • 6	19.1	19.2		
≥ 18000 ≥ 18000		71.5	21.7	71.7 21.8	21.8	21.8		21.¢	21.9	21.9 22.0	21.9	21.9 22.0	22.0 22.1	22.1	22.0 22.1	
≥ 14000 ≥ 12000	17.1	71.3	27.1	22.6	22.7	72.3 72.7	22.3 22.8	^?•3 22•£	22.8	22.3 22.8	22.4	22.4	22.4 22.9	22.4	22.5	
± 10000 ≥ 9000	•	73. 23.2	27.7	23.8	24.0 24.2	74.7	24.5 24.2	74.5 24.3	24.3	74.1 24.3	24.1	24.1 24.3	24.4	24.2	24.2	24.3 24.5
2 8000 2 7000	4	24.9 27.2	25.7 <u>28.1</u>	05 • 8 23 • 2	22.4	78.4		76.1	26.1 28.5	26 • 1 28 • 5	26.1 28.5	26.1 28.5	25 • ? 28 • 6	26 • 7 28 • 6	26.? 28.6	
± 6000 5000		75.5 31	2 •8 31•	31.1	20.1 31.7	71.3	31.4	31.4	29.2 31.4	29.2 31.5	29.3	29.3 31.5	29.4 31.6	29.4 31.6	29.4 31.6	31.7
2 4500 2 4000 2 3500	17.3 2.9	70. 30.5	3 · · · · · · · · · · · · · · · · · · ·	73.0 40.6	37.0 47.0	3.3 41.9	41.	33.7 <u>41.</u> 0	37.4	41.1	33.4	33.4	33.5 41.2	33.5 41.2	33.5 41.2	41.3
2 1006	76	42.6 45.1	44.5	44.7 49.4 54.6	45.7 49.8	45 • 1 49 • 8	45.7 49.9 55.7	45.2 55.0 55.3	45.2 50. 55.3	45.3 50.0 55.3	45.3 50.1	45.3	45.4 50.2	45.4 50.2	45.4 50.2	50.3
2006	72.4	50.9	51.7 62.9	62.1	63.0	62.7 63.9	62.8	62.9	57. N 64. 7	63.D 64.3	55.4 63.1	55.4 63.1	55.5 63.2	55.5 63.2		63.3
2 1500	36.5	65.5	71.0	68.7	67.5 72.7	69.6	69.7	7 ° n	72.7	70.1 73.5	75.2	64.4 7:1.2 73.6	77.3 73.7	64.4 75.3 73.7	70.3 73.7	64.5 70.3 73.8
≥ 1000 ≥ 900	36.3	70.2	77.5	74 • 7 75 • 1	76.2 76.7	76.3 76.8	76 . 8		77.n	77.2	77.3	77.3	77.4	77.4	77.4	
≥ 800	36.3	71.6	75.5	76 • 7	78.6 8~.6	78 · 8	79.4	79.6	79.6 82.		80.1	80.1 82.6	80.2 82.7	80 2 82 7		80.3
2 600 2 500	36.5	73.2	77.0	79.5	,	82.5 84.6	83.6		84.1	84.6	84.9	84.9	85.1 88.8	85.1	85.1	85.2
≥ 400	3 . 6	74.4	79 · 8	81.7	85.6	86.1	88.9	89.3	89.2 91.2	91.2	92.1	92.2	92.7 95.4	92.8	92.9	
2 200 2 100	36.6	74.7	87.7	82 .3		86.9			91.6	93.5 93.6	95.3	95.4	96.7	97.4	98.4	98.7
2 0	31.06	74.7	80.7	82.3	36.4	86.9	89.2	90.8	91.6	93.6	95.3	95.5	96.9	97.8	- 1	100.0

OTAL NUMBER OF OBSERVATIONS.____

USAF ETAC FORM 0-14-5 (OL.A.) MEVIOUS ENTIONS OF THIS FORM ARE OBSOLETE



TEM AS OF IMATOLOTY TAYON UNAFETAC ATM ASATE SERVICEMAS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> თვი-იქიი</u>

· fame							v15	IBILITY ST	ATUTE MIL	E5						
466	>10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥1	≥1.	≥,	≥	≥ '*	≥ ,	≥5 16	≥ .	≥0
12 000	•		24.7	26.3 24.5	24.6 24.8	24.5 24.9		74.1 74.2	24.º	.74.5 24.8	24.6 24.8	24.6 24.8				24.7
2 18000 3 6/88	•	75.6	, !	25.0	26.3	76.2 26.3	26 · 7	27.3	26.2 26.7		26.2 26.3	76∙2 76•3				26.3 26.5
4000 2900	•	7	26.0 26.0	0.1 20.1	25.5	76.5	;	76.5	26.5	26.5	26.5	26.5 26.5	26.5 26.5	26.5		26.6
2000 2000	f	27.1	24.0	77.3	27.7	27.3	27.5	77.5		27.3	27.3	27.3	27.3	27.3	27.4	27.4
> 9000 1000	•	74.4	27.6	₹9.7	37.7	75 • C	30 • 1	77.0	3.	27.6	37.6	27.6 31.0	37.7	30.0	37.1	30.1
5000 5000	• •	22.00	31.	71.7	37.7	73.2	33.7	32.L	37.7	72.6 33.2	37.2	37.2	37.2	33.0	33.3	_ t
4500 4000	• 1	7 . 5	38.0	₹5.8 ₹5.4		76.1	33.1	79.7	39.7	30.7	38.7	36.1 33.7	36.1 38.7	36.1 38.7	36.2 39.8	36.2
1500	<u> </u>	55.5	5 7 . 7	8.53	51.7	1 · 1 8 · 3	51.1		58.4	56.4	51.2	58.5	51.2 58.5	51.2	58.6	51.3 58.6
± 3000 ± 2500	11.4	6.5		69.2	67.5	75.1 69.8	65.1	30.9	60.7	65.2	65.3	6 5 • 3	65.3 77.9	65.3	65.4	65.4 70.1
2 2000 2 800	1.	71.6	73.5	74.2	75.1	76.1	75.1	75.2	75.7	75.2	75.3	75.3				
2 1500	10.3	74.7	78.5	76 -8 64 -1	81.1	85.9	81.1	°1.3	81.7		81.4	81.4	81.4	81.4	81.5	81.5
≥ 1000	12.3	77.7	83.1	95.5	88.3	n8.6	88.6	29.1	89.1	89.1	86.2		86.2	86.2		86.3
2 900 ≥ 800	12.3	77.8 70.0	83.8	35 • 6 36 • 3	88.4	98.7 90.1	90.1	99.2 90.6		90.6	94.8		89.4 99.8	90.8		89.5 90.9
2 700 2 600	2.3		84.9	86.9 37.5	9 . ?	20.8 21.8	90.8 91.8	1	91.3 92.8	,,	91.7 93.2	91.7	91.7 93.2	91.7 93.2	91.8 93.3	91.8
≥ 500 ≥ 400	12.3	79.1 79.1	85.3	88.0 88.0	91.8	72.9 73.1		24.4	94.5		95.1	95.1 96.8	95.3 97.3	95 • 3 97 • 5	95.5 97.8	°5•5 97•8
2 300 2 200	17.3	70.1		88	92.n	93.1	94.1	05.5	96.r	96.8 96.9	97.1	97.1	97.6	98.1	90.4	98.4
≥ 100 ≥ 0	12.3	79.1 79.1	_ 1	1	92.1	93.1 93.1	94.1	95.5	96 . 1	96.9 96.9	97.4	97.4	98.1	98.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 1014 0-14-5 (OL A) PREVIOUS CONTINUE OF THIS FORM ARE CONCUES

FERTINE STREET ALL SEATON OF A TOP OF A TOP OF A STREET AND A STREET A

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-050C

CEIUNG							VI5	IBILITY ST	ATUTE MIL	ES						
·661	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 7	≥1'2	≥1′₄	≥1	≥ 1,4	≥ יי	≥ 7	≥ 5 16	≥ 4	≥0
NO CEHING ≥ 20000	4	22.8 73.4	27.5	27 • 3 24 • 1	23.7	23.3 24.0	23.3	24.0	23.3	23.3 24.5	23.3	23•3 24•0	23.3 24.0	23.3 24.0		
≥ 18000 ≥ 16000	4 . 7	73.9 34.3	24.1 24.1	24.4 24.5	24.4 24.5	24.4	24.4 24.5	24.4 24.5	24.4	24.4 24.5	24.4 24.5	24.4 24.5	24.4 24.5	24.4 24.5	24.4 24.5	24.4
≥ 14000 ≥ 12000	4 . 7	24. 24.3	24.7 24.6	24.7 25.1	24.7 25.1	~4.7 ~.1	24 • 7 25 • 1	24.8 25.2	24.° 2".2	24.8 25.2	24.8 25.2	24.8 25.2	24.8 25.2	24.8	24.8	24.8 25.2
≥ 10000 ≥ 9000	4	74.5 24.7	24.2	25 • 3 25 • 5	23.5 23.5	25.3 25.5		75.6	25.6 25.6	25.4 25.6	25.4 25.6	25.4 25.6	25.4 25.6	25.4 25.6	25.4 25.6	25.4 25.6
2 8000 2 7000	25 . T	? / • 6 ? ≥ • 6		27∙3 22•€	27.7	77.3	27.7	27.4	27.4 29.5	27.4 29.6	27.4	27.4 29.6	27.4 27.6	27.4 29.6		27.4 29.6
2 6000 5000	1	20.6 21.9	3 2 . 3	30.4 33.4	3 .0 3 7 .8	7.2.8			30.5 37.9	30.5 33.9	30.5 32.0	30.5 33.9	30.5 33.9	30.5 33.9		30.5 33.9
> 4500 ± 4000	5 • 7 • 7	75 4 4 0		35.0 47.5	36•° 43•€	76.9 48.0	36 • 7 48 • 7	77. 42.1	37.5 48.1	37.5 48.1	37.º	37.0 43.1	37.0 48.1	37.0 48.1	37.7 48.1	37.3 48.1
2 1500 2 106	. 7	"[].4	53.1 50.5	54.2 6 .5	54.6 61.	4.6	54.5	59.7 61.1	54.7 61.1	54.7 61.1	54.7 61.1	54.7 61.1	54.7 61.1	54.7 61.1	54.7 61.1	54.7 61.1
≥ 2506 ≥ 2904	· , 4	6"•3	64.3 71.7	66. 73.7	66.7 74.4	16.7	56 • 7 74 • 4	66.8 74.5	66.8 74.5	66.8 74.5	66.8 74.5	66.8	1	56 • 8 74 • 5		66.8 74.5
2 80C 2 500	"•u	70.0	77.5			75.3 93.8		75.4 91.0		75.4 81.1	75.4 81.1	75.4 81.1	75.4 81.1	75.4 81.1	75.4 81.1	75.4 81.1
± 1200 } ≥ 1000	0.6 0.5	75.5 76.7		93 •3	84.0	95.2 97.8		95.4 88.1	85 · 4		85.5 68.2	85.5 88.2	1	85.5 88.2		
2 900 ≥ 800	7 • 6 7 • 5	76.9 77.0	82.4 83.0	86 • B	87.8 89.0	8.2 39.5		99.4 89.7		88.5 89.8	88.5 89.8			88.5		88 • 5 89 • 8
≥ 700 ≥ 600	° 6 ° 6		83.3 84.3	87 • 3 8 8 • 2	89.7 91.0	20.1 21.4	/	90.8 92.2		91.2 92.7		_		91.2 92.7		_
≥ 500 ≥ 400	?•5 •6			88 • 6 88 • 8	91.6 92.0	72 • 2 72 • 6			94.1 95.6	94.9 96.8	94.9 97.	94.9		94.9		95.1 97.7
2 300 ≥ 200	୍ଚ • •	78.3		88.88	92.2 92.2	92.7 12.7		95.6	96.6 96.7	_ 1	98.2 98.4			98.4 98.8		99.1
≥ 106 ≥ 0	7.5				92.2 92.2	02.7				98.1 98.1				98 • 8 98 • 8		- 1

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC IVEM 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OSSOURT

THEFAL CHIMATCLOCY STANCH BEATTAC ATT ABATGES SERVICEZMAC

CEILING VERSUS VISIBILITY

STATE STATE AND STATES AND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

/ EILING							VIS	SIBILITY ST	ATUTE MIL	ES						j
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥ :	≥1%	<u>≥</u> 1	≥ ;4	5 ,4	≥ ,	≥ 5 16	≥ .	≥0
NO €EIUNG 20000	4.	73.7 24.2		23.9 24.4	24 • 5 24 • 5	74.5 24.5	24 • 5 24 • 5	4.0	24.0 24.0	24.5 24.5		24.0 24.5	24.0 24.5		24.5	
≥ 18000 > 16000		24.4	24.7	24.6 24.7	24.0	24.7 24.8	24 • 7 24 • 1	24•7 24•8	24.7 24.9	24.7 24.8	24.7 24.8	24.7 24.8	24.7 24.9	24.7 24.8	24.7 24.8	24.7 24.8
≥ '4000 ± 12000	4.	25.5 24.7	25.1	4.8 35.1	25.2 25.7	74.5 75.7	24 • 9 25 • 2	74.0	24.9 25.8	24.9 25.2	24.9 25.2	24.9 25.2	24.9 25.2	24.9 25.2	24.9 25.2	24.5 25.2
2 10000 2 9900		75.6	25.5		26.0	75.7 76.7	25.7	^5•7 ^6•:	25.7 26.	25.7 26.0	25.7 26.0	25•7 26•0	25.7 26.0		25.7 26.0	25.7 36.0
≥ 8000 ≥ 7000	<u> </u>	7.00	20.1 30.7	97.0 77.3	30.4	3.1	23 • 1 37 • 4		25.1 33.4	28.1 30.4	28 • 1 3 · • 4	?8•1 ₹•4		28.1 30.4	28 • 1 30 • 4	28.1 30.4
5000		32	31. 37.5	71.5 35.5	35.6	31.6 29.6	35.6		31.6 35.6	31.6 35.6	31.6 37.6	31.6	\rightarrow	31.6 35.6	31.6 35.6	35.6
4500	• · · · · · · · · · · · · · · · · · · ·		40.8	50.0	37 • 1 ; • • 1	73.1 C.1	50 • 1	3 2 . 1	38 • 1 5/ • 1	38 • 1 5 ~ • 1	3°•1	38.1 5 .1	38 • 1 5: • 1	38.1 50.1	50.1	5.v. 1
≥ 1500 ≥ 1000 	۹.	6 • 5	67.4	56.9 63.0	57.7 43.	7.2 3.5	57.7 63.5	63.5	57.? 63.°	57.2 63.5	57.2 63.5	57.2 63.5	57.2 63.5	57.2 63.5		57.2 63.5
2506 2000	. n. ż	55.€ 71.€	75.	75.9	7 • r 76 • ?	~6.3		70.3 76.3	71. • 1 76 • 3	76.3	70.5 76.3	76.0 76.3	76.3	76.7 76.3	70.0 76.3	
1800 1500	3	75.8	80.2	1.3	77.3	7.5 2.5	87.7	92.7	77.3 62.7	77.3 82.7	77.3 82.7	77.3 82.7				
2 1200 1000 2 900	10.3	79.8 79.8	87.0 84.4 85.1	84.4 86.3		6.3 8.3		F 6.5				86.6 83.5	86.6		88.5	86.6
≥ 800	10.3	79.6 75.7			97.4	19.5	9 .6	9 " . 8	89.7 90.8	89.7 9:.8		89.7 90.8				
2 700 2 600	! • 3	0 2	86.P	39.4	93.1	1.3 2.2	92.4		91.6 92.6 95.7	91.8 92.8 95.7						91.8
2 400 2 300	.7.3	0 · 3	1	90.5	93.1	73.4	74.3	75.3		96.6	96.7					95.8
2 200	17.3	77.3	↑7. ₹	00.0		73.4	94 6	-	1	97.6	98.	98.1			98.7 99.6	
	3		87.3		1	^3.4	94.4	26.0		97.6 97.6		98.1 98.2	98.6 98.7		99.9 100.0	

TOTAL NUMBER OF OBSERVATIONS....

930

USAF ETAC 101 44 0-14-5 (OL A) PREVIOUS SOMONS OF THIS FORM ARE DESCRIPT

GLESTE SEIMMITGEGGY DEANCH EINTERE AIT SEATHER STEVEN MAG

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-11ca

CEUNG							VIS	BILITY STA	TUTE MILE	ES						
146.	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥157	≥1.⁴	≥1	≥ ¼	≥ >•	≥ 7	≥ 5 16	≥ .	≥0
NO / EIUN: - 20000	7.4	16.7	1°.9	1°.8	17.0	18.9	19.3	10.9 11.1	18.° 21.5	1:•9 21.1	19.9 21.1	13.9	15.9 21.1	18.9	18.9	18.9
≥ 18000 ≥ 16000	3, 10	21.4	21.5	11.5 22.2	21.6	21.6	21.6 22.3	21.6	21.6	21.6	21.6 22.3	21.6	21.6	21.6	21.6	21.6 22.3
≥ 14000 ≥ 12000		71.4	20.7	77.5	22.6	72.4	22.4	77.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 10000 ≥ 9000	10.7	27.1	27.3	23.3	27.4	23.4	23.4	27.4	27.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
> 8000 > 7000	1.3	27.6	25.4	25.8 2.1	29.7	76 • 1 78 • 4	25 • 1	20.1	26.1	26.1 28.4	26 · 1 28 • 4	26.1 28.4	26.1 28.4	26.1 28.4	26.1 28.4	26.1
≥ 6000 ≥ 5000	27.4	7.3.7	29.1	29.2 34.1	20.5 34.7	29.6	27.1	30.6	29.6	29.6 34.4	29.6	29.6	29.6 34.4	29.6	29.6 34.4	29.6
≥ 4500 ≥ 4000	20.5	37.5 48.8	3 - 7	37.4 40.2	37.6 47.6	77.7 49.7	37.7	37.7	37.7 42.7	37.7 49.7	37.7	37.7 49.7	37.7 49.7		37.7 49.7	77.7
2 3500 2 3000	4 . 7	5 - 4	5~.7 61.3	55.8 61.4	56.1	50.2 61.8	54.2	56.2 51.8	56.7 61.8	56.2 61.8	56.2 61.8	56.2 61.8	56.2 61.8	56.2 61.8	56.2 61.8	
≥ 2500 ≥ 2000	47.3	56.5 74.3	67.8	69.	69.4 77.7	78 • 5	68 • 4 78 • 4	68.6 73.4	68.6 78.4	68.7 78.6	68.7 78.6	63.7 78.6	68.7 78.6	68.7 78.6		68.7
2 1800 2 1500	51. 3.2	75.6		27.7	78.8	78 • 6	79 - 1	79.1 84.9	79.1	79.4 85.2	79.4 85.2	79.4 85.2	79.4 85.2	79.4 85.2	79.4 85.2	
≥ 1200 ≥ 1000	.3.5 .4.	91.3	84.6 85.8	35 • 3 86 • 7	87.5	87.3 89.1	83.2	98.2	20.1	88.4 90.4	68.4 90.4	88.4 °E.4	88.4 90.4	88 • 4 9C • 4	88.4 90.4	96.4
≥ 90° ≥ 800	4.1	82 .2 82 .2		87.1	89.7	89.7	91.6	9^.8 21.7	91.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 700 ≥ 600	4 • t	82.4 82.5	86.0	37.8 88.1	91.0	91.5		93.2	93.4	93.9	93.9 94.5	93.9	93.9 94.5	93.9 94.5	93.9 94.5	
≥ 500 ≥ 400	14.2	82 .5 82 .5	87.3 87.3	38.4 88.4	91.9	92.6	94 • 6 95 • 1	95.4 95.8	95.8	96.6 98.	96.6 98.0	96.6	96.7 98.5	96.7 98.5	96.7 98.5	
≥ 300 ≥ 200	54.3 54.3	32.5 82.5	87.3 87.3	88.4		72.6	95.1 95.1	95.9	96.7 96.7	98.1 98.1	98.1 98.1	98.2 98.2	98.6 98.7		99.5	99.3
≥ 100 ≥ 0	04 • 3 14 • 3	92.5 82.5	87.3 87.3	- 1		72.6 92.6	95.1 95.1	95.9 95.9	96.7 96.7	98.1 98.1	98.1 98.1	98•2 98•2	98.7 98.7	98.9 98.9		100.0

AL NUMBER OF OBSERVATIONS 930

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS BOITIONS OF THIS FORM ARE CRECUET

TERMAN CEINATOLOGY RUMANCH TEETAC AT POATH N SHRVIOLYMAG

CEILING VERSUS VISIBILITY

CHELLAN VIE VK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17- N-1400

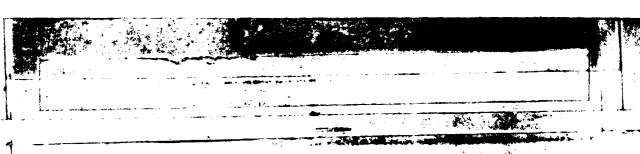
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CEILING	:						V15	IBILITY ST	ATUTE MIL	ES						
*667	≥10	≥6	≥ 5	≥ 4	53	≥2 7	≥ 2	≥17;	≥1.4	≥1	≥ 4	> ,•	≥ 7	≥ 5 16	≥ .	≥0
NO FEILING ± 20000	1	11.5 22.5	1 3 . F 22 . 7	72.9	23.0	23.1	27.7 23.1	2 r . 2	20.0 27.1	26.2 23.1	20.2 23.1	23.2 23.1	20.2 23.1	20.2 23.1	20.2 23.1	20.2 23.1
≥ 18000 ≥ 18000		13.7 14.3	24.5	74.3 24.7	24.7 24.7	24.5 24.9	24.°	24.5	24 . 5 24 . 6	24.5 24.0	24.5 24.5	24.5 24.9	24.5 24.9	24.5 24.9	24.5 24.9	24.5 24.9
≥ 14000 ≥ 12000	72.€ 72.€7	74.7 74.5	24.7	24.7 24.9	24.7 24.5	24.9 25.0	24.5	24.9 25.2	24.9 25.2	24.9 25.2	24.9 25.2	24.9 25.2	24.9 25.2		24.9 25.2	24.9 25.2
≥ ''(000 ≥ 9000	23.0	ನ¤.ನ 35•ರ	26.0	26.2	25.°		26.5	76.3 76.5	26.3 26.5	26.5	26.3 26.5	26.3 20.5	26.3 26.5			26.3 26.5
≥ 8000 ≥ 7000		7.7	30.4	79.2 30.5		78.4 31.0	29.4 31.0	73.4 71.0	28.4 31.	28.4 31.0	20.4 31.	23.4 31.4	23.4 31.3			28.4 31.0
≥ 6000 ≥ 5000			34.	71.2 34.3	34.7	74.5		70.5	31.4	34.5	31.4 34.5	34.5	31.4			31.4
4500 2 4000	2.2		49.1	72.3 un.6	47.7	73.5 49.0				38.5	57.1	38.5 5:.1	38 • 5 5] • 1	38.5 50.1	57.1	38.5 50.1
2 1500 2 1000	1 1	55.5 51.9	6 • 1	56.1 61.5	6.8	61.0	55 • 6 61 • 7	/ 1.0	56.5	56.7 61.1	56.8	61.2	56.8	61.2	61.2	56.8 61.2
2500 2000		57.7 74.9	76.5	77.1	77.P	75.1	69.6 78.1	7 R. 1	78.1	69.7 78.3	69.8 78.6	60.8 73.6	69.8 78.7	76.7	78.7	69.8 78.7
2 1500 2 1500	2.5	81.3	77.5 87.3	79 • 3 3 • 4	24.3	79.2 24.5	84 . 8	75.2	70.2 84.8	79.5 85.1	79.9 85.4	79.8 85.4	79.9 85.5	85.5	85.5	79.9 85.5
≥ 1200 ≥ 1000	62.7	81.5 32.5	85.9		80.0	7.3	9, 6	^1	87.7 91.1	88.0 91.3	91.6	88.3 91.6	88.4 91.7		91.7	58.4
≥ 900 ≥ 80t	13.4	32.7	85.3	88.8	91.1	91.3	91.2		91.4 92.8	91.6	91.9 93.3	91.9	92.0		93.4	93.4
≥ 700 ≥ 600	4 3 4 4 3 4	22.8		88.8 88.9	91.5	1.5	93.3	97.1	93.2	94.0	94.3	93.8	93.9 94.6	93.9	94.6	93.9
± 500 ≥ 400	63.5	32.8 33.0	86.7	89 • 5 89 • 2		72.8	94.9	25.4 25.7	95.5 95.8	96.6	96.6	97.5	97.1 98.4	97.1		97.4
2 300 2 200	13.5 13.5		86.7	57.2 39.2	92.8	23.2	95 • 2 95 • 2	76.1	96.1 96.2	96.9 97.0	97.7 98.1	98.7	98.8	99.1	99.6	170.5
> 100 ≥ 0	13.5 53.5		86.7 86.7	89.2 89.2	92.8 92.8	93.2 93.2	95.2 95.2	76.1 96.1	96.2 96.7	97.0 97.0	98.1 98.1	98.3 98.3	99.1		99.6	10.0 10.0

TOTAL NUMBER OF OBSERVATIONS.

930

USAF ETAC 101 M 0-14-5 (OL A) PREVIOUS SOTTHIS FORM ARE OSSICLET



COUNTRY CLIMATOLOGY SPANCH COUNTRY CATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

:<u>5,2-1700</u>

CEILING							VIS	BILITY ST.	ATUTE MIL	15						
· FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ ?	≥1',	≥17	≥1	≥ 4	≥ %	≥ 2	≥ 5 16	≥ .	≥0
NO TEUNG 20000		11.9 26	10.1 20.8	:: :::::::::::::::::::::::::::::::::::	13.1 22.8	19.1 22.8	17.1	10.1 22.6	19.1	19.1 22.8	19.1 22.8	19.1	19.1 22.8	19.1		19.1 22.8
≥ 18000 ≥ 6000	, ,	23.7 23.9		23.2 24.1	23.9 24.1	23.9	27.7 24.1	23.6	23.9 24.1	23.9 24.1	27.9	23.9 24.1	23.9 24.1	23.9	23.9 24.1	73.9 24.1
≥ 14000 ≥ 12000	1.2	74.3 24.7	24.5	24.5 24.9	2/ • 5 24 • 9	24.5 24.9	24.5	24.5 24.0	24.5 24.5	24.5	24.5	24.5 24.9	24.5 24.9	24.5 24.9		24.5 24.9
≥ 900K ≥ 900K	2. 1 3.5. 3	75.2	25.4 25.3	25.9 25.9	_5.4 25.0	75.4 25.9	25.4	25.9	25.4 25.0	25.4 25.9	25.4 25.9	25.4 25.9	25.4 25.9	25.4 25.9		25.4 25.9
9000 7000	4.	77. : 3 . C		28.1 71.1	28.1 31.1	78.1 (1.1	2ª • 1 31 • 1	75.1 31.1	29.1	28.1 31.1	28.1 31.1	20.1 31.1	28 • 1 31 • 1	28.1 31.1	28.1 31.1	28.1 31.1
≥ 6000 ± 5000	11.4 11.1	71.4 76.1	36.5	71.8 36.5	31.E 36.5	31.8 76.5	31 • 9 35 • 5	31.8 36.5	31.3 36.5	31.3 36.5	31.F 36.E	31.8 36.5	31.8 36.5	31.8 36.5	31.8 36.5	31.8 36.5
450C 400C		4.7 • 9 5 · • 5	51.1	41.5 51.1	41.7 51.2	11.3	41.7 51.7	41.3 51.2	41.3 51.2	41.3 51.3	41.3 51.3	41.3 51.3	41.3 51.3	41.3 51.3	41.3 51.3	41 • 3 51 • 3
2 3500 3 3000	2.7	5 7 . 4	63.1	57.0 63.3	57.1 53.5	7.1	57.1 63.5	57.1 63.5	57.1 63.5	57.2 63.7	57.2 63.7	57•2 63•7	57.2 63.7	57.2 63.7	57•2 63•7	57.2 63.7
2506 2006	54.7	58.9 76.0	77.4		7 .4	7. •4 78 • 3	7 • 4 79 • 4	77.4	70.4	7 `•5 78 •5	77.5 78.5	78.5	70.5 78.5	70.5 78.5	78.5	78.5
2 1500	. • 1 ? • 4	79.6	81.0	78 • 5	78.5 83.5	75.9	79.7	79.0 24.0	79. 84.3	79.1 84.1	79.1 84.1	79.1 84.1	79.1 84.1	79.1 84.1	79.1 84.1	79.1 84.1
2 1000 ≥ 1000	2.4	31.3 52.3	93.7 85.7	85 • 1 87 • 7		20.6 29.9	9.6	я7.1 00.9	91.2	87.2 91.4	87.2 91.7	91.7	87.2 91.7	87.2 91.7	91.7	91.7
≥ 900 ≥ 800	12.4	3.0 • 6	86.1	87.8 39.7	$\overline{}$	91.3		91.4	91.7 93.	91.9 93.4	92.3	93.8			93.8	
≥ 700 ≥ 600	52.7	8.8	86.7	78•6 88•9	91.6	72.0	92 • 5 93 • D	93.7		93.9	94.5	94.9	94.2	94.9		
≥ 500 ≥ 400	(2.7 (2.7	92.8 82.8	86.6		92.1 92.2	2.5 2.6		95.3 95.3	95.9	96 • 3 97 • 4 97 • 5	96 • 8 98 • 7	96.9 98.1 98.2	96.9 98.2 98.4	96.9 98.4	98.4	99.4
2 300 2 200	2.7	8 - 8 9 - 8	86.6	80.1	92.2 92.2	02.6 02.6	94.3	95.3	95.9		98.4	98.5	98.8	98.8 99.2	99.5	10.0
2 100	:2.7	87.8			92.2	2.6		25.3		97.5	98.4			99.2		100.0

OTAL NUMBER OF OBSERVATIONS 93

USAF ETAC ILLEA 0-14-5 (OL A) MENOUS SOMONS OF THIS FORM AND GREGOLET

GETAR START ENTRY C AACH USAFFTAS AAA FATHUR STARVISTAMAS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

39 7 - 2605

r Eit No							v15	(BILITY ST	ATUTE MILI	ES.						į
ree:	≥ 1C	≥6	≥ 5	≥ 4	≥ 3	≥2 >	≥ ?	≥175	≥1.	≥1	≥ 14	≥ .	≥ .	≥ 5 16	≥ .	≥0
NO 1 EILING 20000	7, a 1	1 .	1 · · · · · · · · · · · · · · · · · · ·	26.5	10.7	19. 25	12.5	19.1 27.5	27.5	14.0 215	19•5 25•5	10.0 20.5	19.3	19.0 20.5	20.5	
≥ 18000 3 5006		74.1	24.1	04 • 1 04 • 1	24.1 24.1	4 • 1	24.1	24.1 24.1	24.1	24.1	24.1 24.1	24.1 24.1	24.1	1 1	24.1	24.1 24.1
≥ 14000 2000	· • • · ·	74.7 25.5	50.	211. • 9 25 • €	24.r 25.s	24.9 25.8	24.0	15.8	24.0	24.9 25.8	24.9 25.9	24.9 25.8	24.9	75.8	24.9	
2 19000 2 9600	1.1	36.2 31.6	26.6	74.2 76.6	26.6	16.2 16.6	25.7 26.6	16∙2 16•6	26.5	26.2 26.6	.6 • 2 26 • €	26.6		26.6	26.2 -6.6	26.5
9,000 2,7,00	2.4	7/ • 7	3	35 • c	20.0 30.8	30.8	37.9	70.2	30.0	28.2 30.0	2°•2	20.2		31.3	37.9	37.0
> 6000 ± 5000	2	72.4 75.4	3 - 4		33.4		35.4		32.4	32.4	32.4	32.4		35.4	32.4 35.4	35.4
2 4500 2 4000	31 • G	₹3.6 46.1	45.2		46.7	16.3	45.3	46.3	39.3 46.3	38.8	38.8 46.3	33.8 46.3	38.8 46.3	46.3	38.8 46.3	46.3
2 3500	4: <u>• 1</u>			52.6 67.5		52.8	52.7 52.7	52.8 52.7	52.9 52.7	52.8 62.7	52.8 62.7	52.8 62.7	52.9 62.7			62.7
2000	3.4	57.3 73.9	75.3	68.7 75.9	76.7		69.1 75.3	76.3	59. 76.7	69.7 76.3	69.0 76.3 77.4	69.0 76.3 77.4	69.0 76.3	76.7	76.3	76.3
2 1500 2 1500	4.7	74.7 76.7	75.1 60.7	76.9 21.4	52.5	77.4 32.6	77.4 97.6		82.6		82.6		82.6	77.4 82.6		77.4 82.6 96.0
≥ 1000	5.4	9 . 3	83.5		88.8	89.Z	89.2	39.5		89.6 9:.0	80.6	89.6	89.6	A9.6	89.6	
≥ 800	5.4			87.1 87.3	99.3	℃ 8 71 • 2	91.1	71.5	91.5	91.9	92.1	93.4		92.	92.5	02.3
2 600	5.5	A1.6	85.3		9:•5	92.9	93.9	94.1	94.1	94.5	94.6	94.6	94.6	94.6		94.6
2 400	5.5	82.0 32.0	85.7	38.3 88.4	92.	93.1	94.5		96.6		97.8		97.8	97.8	97.8	98.C
2 200	5.5	3.7.0	1 :	88.4	92.2	93.2	94.7	26.7	96.9	98.1	98.5	98.5	98.5	98.5		99.4
2 0	5.6		85.9		92.3									98.6		1 1

OTAL NUMBER OF OBSERVATIONS _____

ISAS STAC FORM 0-14-5 (OL A) essures sources on the state and necessity

CLEAN TO THE TATALOGY FRANCH (FETTA)

AT TATALOGY SERVICE MANAGEMENT (FETTALOGY)

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-530C

CERING							VIS	BILITY -ST	ATUTE MILE	5						
1887	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 5	≥ 2	≥1;	≥114	≥1	≥ 1,4	≥ ,•	≥ ′,	≥ 5 16	2.	≥0
NO CEUNG 20000		22.	21.5	21.7	22.0	22.9	2?• 22•3	72.r 22.9	17.0 22.9	22.6 22.9	22.5 22.9	22.0	22.1	22.2 22.2		22.9
≥ 18000 ≥ 5000	7 • 3	74.0	24.7 24.7	າ4.5 ງ4.8	24.0 25.2	24.8 25.2	24.3 25.2	24.8 25.2	24.5	24.8 25.2	24.8 25.2	24.8	24.8 25.2	24.8 25.2	24.R 25.2	74 . R. 25 . 2
≥ 14000 ≥ 2000	G	24°€		'5 • 1			25.4 25.5	25.4 25.5	25.4 25.5	25.4 25.5	25.4 25.5	25.4 25.5	25.4 25.5	25.4 25.5		25.4 25.5
S SOUR		4	25.5 25.7	25.9	26.5	76.7 76.2	25 • 7 25 • 2	25.0 25.2	26. 26.2	26.5 26.2	26.0 26.2	26.D 26.2	26.0 26.2	26.9 26.2		
> AGRN 7 7000	1.1	27•1 2 •8	30.	₹Q • 4	3)."	78.7 70.8		3.0∙8 3.0•8	28. 30.9	28 30 . E	25.° 30.8	75.0 31.8	29.7 33.8	28.7 30.8	28. T	?6."
5000 5000	1.3	31.3 25.3	36.1	34. • 3	30.7	36.7	35.	70.3 36.7	36.7	32.3 36.7		36.07			36.8	32.3 36.8
* 450t	1	50.4	42.2	40.5	49.8	48.8	45.9	48.8	30.4	35.4 48.9		39.4 48.8		48.9	48.9	39.5 48.9
- 15.A - 1.844 	7	51.7	62.0	63.3	υ 4	55.7	64.2	55.7 54.2	55.7 64.2	55.7 64.2	55.7 64.2	64.2	64.3	64.3	64.3	55.8 64.3
+ 1100 + 2005 +		57.6 77.3	60.3 74.5	75.9	75.º	76.7	77.1	77.1	71.4	77.1	77.1	77.1		77.2	77.2	
- 800 - 500 - 200	17.4	75.6	79.4	1.5		77.8 92.8 57.4	83.0	78.1 83.0 37.7		78.1 83.1				83.2		93.2
2 1000 900	10.6		87.0	87.3		າ(.2 91.4	9-1-6	- 1	91.1			97.8 91.0		91.1		
2 800 2 700	ი.6	79.4	84.5	£8.2	97.9		92.		92.4	92.5			92.6	92.6	92.6	92.6
2 500	17.6	74.8	85.1	89.1	92.4	ი3.1	94.3	75.1	95.1 96.6	1	95.7	95.7	95.8		95.8	95.3 97.5
2 40C 2 30G	17.6	7¢.8	85.2	89.2	92.6	93.9	95.5	76.5	1			97.8	98.4	98.5	98.6	98.7
2 200	6 \?•6	79.8		90.2	92.6	73.9	95.5	96.5	96.9	98.0	98.1	98.3	98.8	99.3	99.4	99.6
≥ 0	10.6		85.2		92.6				-					99.1		100.0

AL HUMBER OF COSERVATIONS ______93.

USAF ETAC 10164 0-14-5 (OL A) MENIOUS EDITIONS OF THIS FORM ARE OSSOLET

ST TAL CLIMATELOSM FEANCH SEATUR AT APATHE STEVICEZEAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CERENC							VIS	BILITY ST	ATUTE MIL	ES						
E£ '	≥ 10	≥ 6	≥ 5	24	≥ 3	≥2:	≥ 7	≥17;	≥1'4	≥1	2:4	≥ `•	≥ ,	≥ 5 16	≥ .	≥0
• 20000		11.3	27.7	11.3 22.6	21.1	71.4		71.4 77.0	21.9	21.4	21.4	21.4		21.4	21.4	21.4 23.0
≥ 18000 1 6000		94.1	24.	74.2	24.5	04.3 4.5	24.3	24.3	24.7	24.7	24.5		24.3	24.3	24.3	24.3
2 4000 2 7000		74.5 74.5	54°.	24.7	24.1	74.3	24.P 25.1	25.1	24.8 25.1	24.8 25.1	24.P 25.1	24.8 25.1	24.8 25.1		24.F 25.1	24.8 25.1
± 10,600€ ± 20,00€		11.2 75.5	25°4	75.0		5.7 76.	25 • T	?€.7	25.7 26.0	25.7 26.0	25.7 26.0	25•7 26•0		25.7 26.0	25.7 26.0	75.7 26.0
2 RUNC 2000	: - 5	27.5 26.9		27.8 30.3	2 · • · · · · · · · · · · · · · · · · ·		79.5 3.5	7 0	28∙ 3″•5	28. 3.5	2°•1	20.0 3.∙5		28.9 39.5		28.0 30.5
≥ 6000 • 5000	1 • 2	71.0 74.	31. °	71 • 4 75 • 2		71.6 71.4	31.46 35.4		21.4 35.4	31.6 35.4		31.6 35.4		31.6 35.4	31.6 35.4	31.6 35.4
+ 4500 + 4000	: 4 - 4	37.3 46.3		35 40 .1	3 .f	19 . 11	33.7		38 • 7 49 • 4	38.7 49.4	38.7 40.4	38.7 49.4	39.7 49.5	38.7 49.5		38.7 49.5
2 3500 2 000	· .)		55.7 61.5	55.7 62.4	56." 52.8	76.1 12.3	50.5	56.1 67.9	56.1 62.1	50.1 62.9		56.1 62.9		56.2 62.9		56.2 63.0
2500 2600	00 • 3 04 •	66.6 73.	75.	6°•9	59.7 76.0	79.4 76.7	69 • 4 7 • 9	:	69.5 76.8	69.5 76.9	69.5 76.9		, 1	69.5 76.9	69.6 76.9	
: 1800 : 1500	34 • 1 7 • 5		86.07	F1.5			77.7 93.	7 7.7 33.	77.7 87.	77.8 93.1	77.8 83.2	77.8 33.2		77.9 £3.2		,
120€ 2 1000		79.9	84.*	94.7			36.9 89.6		86.8 89.8	86.9 89.9	87. 90.	87•3 93•0		87. 90.1	87.7 97.1	94.1
2 800 2 800	35.9				37.3	- 6	91.7	91.	91.6	90.4 91.8	90.5 91.9	90.5		90.5 91.9	97.5 91.9	
≥ 700 ≥ 600	35.9 35.9		85.8	: ₽ • 5		71.2 72.1	92.9		92.5 93.6		94.1		94.2		93•1 94•2	
2 500 ≥ 400	35.0 37.	91.9 91.0	86.1		92.7	^2.9 ^3.0	94.5	75.6		97.2	97.4	97.5		97.9		98.2
± 300 ± 200	2:	81.0 81.0		88.9	92.4 92.4	∩3.1	94.7	05.9	96.5	97.6	97.9 98.1	98.2		98.9	99.4	09.6
> +0 6 ≥ 0	3/ - 7		85.1		92.4			75.7		97.6				99.7		

AL NUMBER OF OBSERVATIONS

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE GENOLET

CLASAL CESMATREAGY SUANCH REACTIVE ASS REATHER SERVICEZHAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

EILING							viS	IBILITY ST	ATUTE MIL	ES						
FEE! '	≥ 10	≥6	≥ 5	≥4	≥ 3	≥2.	≥ 2	≥112	≥1.	≥1	≥ :4	≥ `•	≥ 7	≥ 5 16	≥ .	≥0
NO CERING ≥ 20000	. X	^ [. • 7	27. 23.4	27.4 27.4	22.P	22.E	2 ? • 5 2 ? • 4	2 3 4 2 3 4	23.4	22.0 23.4	22.8 23.4	22.8 23.4	22.8	22.8 23.4	27.8 23.4	22.5
≥ 18000 ≥ 16000	. L	23.6 27.6	24.0 24.0	24.0 24.0	24. 24.	^4 • 0	24 • 1 24 • 1	24.0 24.0	24.	24 • ' 24 • '	24.7 24.	24.7 24.	24.3 24.3	24.5 24.5	24.0 24.0	24.0 24.0
≥ 14000 ⊇ 12006	• !	27.7	20.1 20.1	24.1 24.1	24.1	14 • 1 24 • 1	24 • 1 24 • 1	24.1 24.1	24.1 24.1	24.1 24.1	24 • 1 24 • 1	24.1 24.1	24.1 24.1	24 • 1 24 • 1	24 • 1 24 • 1	24.1
≥ 10000 ≥ 9000		24.4	27.5°	14.9 25.2	24.0 25.0	24.9	24 • 7 25 • 2	ე#•9 35•2	24.0 25.7	14.9 25.2	74.0 15.2	24.9 25.2	24.9 25.2	24.9 25.2	24.9 25.2	24.9 25.2
2 7000 2 7000	• 2	71.6 71.4		26.0 26.0	26.0 26.0	5.7 26.9	26 • 9	76.0	26. 26.7	76.1 26.9	26.7 26.9	26.3 26.9	26.9	26.1 26.1	26.7 26.9	26.9
2 6000 5000	<u>. 4</u>	26.4 29.4	26.°	26.9 25.0	26.5 31.0	?6 . 9	26 • 9 3 • • 0	26. " 30.1	26.0 37.1	26.9 30.1	26.9 30.1	26.9 39.1	26.9 30.1	26.9 30.1	26.9 30.1	26.9 35.1
2 4500 2 4000		ತ≎.ು ಕೃತ್ತ	31.1	31.•1 40.8	51.º 41.7	1.1	31.1 41.7	71.2 41.6	31.2 41.6	31.2 41.6	31.0	31.2 41.6	31.2 41.6	31.2 41.6	31.2 41.6	31.2 41.6
2 3500 2 3000	** • 14 ** • 11	49.7 53.1	50°° 54°2	50.7 54.4	51.1 55.3	1.2 5.4	51.7 5:.4	51.4 55.7	51.4 55.7	51.4 55.7	51.4 55.7	51.4 55.7	51.4 55.8	51.4 55.8	J	51.4 55.8
2500	\	64.9	67•1 69•3	53.3 7.5	54.4 71.4	71.7	54 . 8 72 . 3	55. 72.8	55.° 72.5	65.3 7 3. 2	65.0 73.2	65.0 73.2	65.1 73.6	65.1 73.6	65.1 73.6	65.1 73.6
2 1500 2 1500	· 2	65.9 <u>65.1</u>	70.3 74.0	71 • 1 76 • 3	72.6 79.1	72.8		77.0 80.9	74. 81.	74.3 81.3	74.3 81.3	74.3 81.3	74.7 81.7	74.7 81.7	74.7 81.7	74.7 81.7
≥ 1000 ≥ 1000		71.3 72.7	78.4 8.6	5 • 1 5 2 • 7	8 3 . 3 86 . 6	67.1	85.7	96.2 92	36.3 9.3	86.7 90.8	86.7 91.1	86.7	87.1 91.6	87.1 91.6	87.1 91.6	
≥ 900 ≥ 800	- 3	7.0 S 3 • 4	8 •8 87•0	83.7 84.4	87.7	27.7 29.3	89.3 91.1	6 ". 9 9 7. "	91.2 93.3	91.7 93.8	92.1 94.2	92.1 94.2	92.6 94.8	92.6 94.8	92.6 94.8	
≥ 700 ≥ 600	° • 2	73.8		5.3 85.4	9 .2	00∙8 20∙8		24.4	94 . A		95 • 8 96 • 2	95.8 96.2	96.3 96.9	96.3	96.3	1
≥ 500 ≥ 400	5 • 3 5 • 3	73.8 73.8	82.7	95.4 95.6	9 .6	91.2 71.4	93.3 93.7	°5.7	96 • r 96 • 3		97•4 97•8	97.4 97.8	98.1 98.6	98 • 2 98 • 7	98.2 98.7	98.2 98.7
2 300 2 200	5.3	73.8 73.8	82.7	85.6 35.6	97.7 91.0	71.6 91.7	93.9 94.1	96.4	96.7 96.9	97.2 97.4	98.1 98.3	98.1 98.3	98 .9 99 .3	99.1 99.9	99.1 99.9	99.1
> 1000 ≥ 0	3 • 2	73.8 73.8	1	85.6	91."	1.7 1.7	94.1 94.1	76.4 76.4	- 1	97.4 97.4	98.3 98.3	98.3 98.3	99.3 99.3		99.9	

OTAL NUMBER OF OBSERVATIONS ______970

USAF FTAC 100 00 14-5 (OL A) request terrous or this contract contract

BLORAL CEIMATOLOGY D.ANCH UCAFETAC AIC WEATHER SERVICENAC

CEILING VERSUS VISIBILITY

ENERVA NET AV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CENING :							VIS	IBILITY IST	ATUTE MIL	ES.						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥1′2	≥1.	≥1	≥ %	≥ '₁	≥ ′2	≥ 5 16	≥ 4	≥c
NO CEILING	· ·	75.3	25.2 25.4	35 • 7 26 •	25.0 26.0	25.9	26.3	26.0 26.3	26 est 26 est	76.0 06.3	26.0 26.3	76.0 36.3	26.0 26.3			?6.7 ?6.3
≥ 18000 ≥ 18000	- ; ;	26.1	26.3	76.7 25.8		26.9	27.1	77.1	27.1	27.1 27.1	27.1	27.3	27.5	27.5	27.0	
≥ '4000 = 2000		7.	21.7	26.8	27.0	27.3	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 1/1000	3.0	16.3	27.0	27.9	27.7	27.2 28.1	27.3	77.2	3 d • J	78.7	28.2	23.2	28.2	28.2	28.2	28.2
≥ 9000 ≥ 8000	7.	27.2		26.6	23.5	78 • 1 78 • 8	29.7		28.9	2ა.9	28.9	28.2 28.9	28.9	28.2	28.9	28.9
2 7000 2 6000	4 • 1	3 6		77.4		29.6	29.2	29.3	29.8	29.7 29.8	29.8	29.8	29.7 29.8	29.8	~	29.7 29.8
≥ 5000 ≥ 4500	9.0	31.	31.7	31.9	37.1	73.4	33.5	37.7	37.0 33.6	32.2	30.2 33.6	32.2 33.6	32.2	32.2 33.6	32.2 33.6	
± 4000 = 2500	4.	39.8		41.6		41.5	41.°	71.6	41.º	41.0	41.9 51.5	$\overline{}$	41.7 51.8		41.9 51.8	
2 300G 2500	<u> </u>	12.1	54.3	55.4 63.3	56.1	64.3	54.0	55.2	56.2 64.9	56.2			56.2 64.8	55.2	56.2	56.2
2000	• 6	64.4	62.2	7 .8	77.4	12.7	73.4		73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8
2 1500	5.	67.4		'5 . 3	78.0	73.2 76.2	79.4	77.7	79.7	79.9	74.6 87.1	74.6 8 .1	74.7	90.2	87.2	
2 200 2 1000	5.4 5.3	70.8		84.2	87.P	83.6 86.3			9".0	91.4	91.7	86.6 91.7	86.7 91.9		91.8	91.9
≥ 900 ≥ 800	5 • 4 5 • 4	77.8 73.2	81.0 81.8	84 • 3 85 • 6		98.4		91.0	91. 92.4	91.7 93.1	91.9 93.3		92.1 93.4	92.3 93.4		92.0 93.4
≥ 700 ≥ 600	5. ?	73.2 73.2		%6.2 86.3		71.4 72.0	93.3 94.2	94.4	94.4 95.3	95.3 96.2	95.9 96.9	95.9	96.3 97.5	96 • ¹⁷ 97 • 0		96 • 97 •
∠ 500 ≥ 400	5.º	73.2 73.2		86.3 86.3		72.3 92.4	94.9	96.2	96.2 96.8	97.2 97.8	97.9 98.6	97.9 98.6	98.1 98.9	98.1 98.9	98.1	98.1
≥ 300 ≥ 200	5.8	73.2	82.1	36 • 3 36 • 3	91.7	02.4	95.3	76.8 96.8	96.0		98.8	98.8	99.2	99.3		09.4
≥ 100 ≥ 0	5.3	73.2		86.3		72.4	95.3	76.8 96.8	96.9		98.8	98.8	99.6	99.7	99.9	0.00

TOTAL NUMBER OF CREERVATIONS......

USAF ETAC NIEW 0-14-5 (OL A) PREVIOUS FORM AND OSSOLETE

GENERAL CLIMATOLOCY PHANCH UPAFETAN SHEVIOLOCAPAN

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

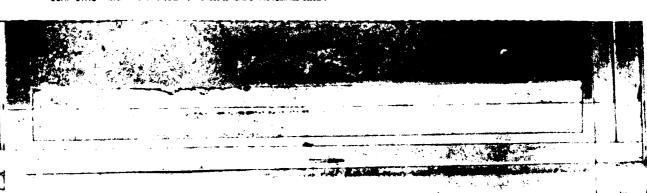
6:0-0833 FOUR TST

CERINO							viS	ABILITY ST	ATUTE MIL	ES						1
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2.	≥ 7	≥1.	≥1.	≥ 1	2.	≥ .	2.	≥5 16	≥ .	≥0
NO CEUNG ± 20000		74 • 3 74 • 7	21.0	25 • 3	n . 5 . 6	5.2 25.6	25.6	7 E _ 7	2.50	ີວ • 25 • 6		25.2	25.6	75.7 25.6	2°.2	75.2 25.5
≥ 18600 ≥ '5000	7 • 3 7 • 3	75.1 25.2	25.°	35.€		76 • 1	26 . T	76. 21.1	26 • 1 26 • 1	26.1	26.1	20.1	26.1	76.F	25.0 25.1	
≥ 14000 ≥ 12000	7.	75.2 75.6		ं ५ . ४ १५ . ४	2 1 24 . 4	7€.1 26.4	26 • 1 26 • 4	26.1 36.4	26.5	26.1 26.4	26.1 26.4	2 •1 26•4	21 26.4	26.1 26.4	26.1 26.4	26.1 26.4
≥ 10000 ≥ 9000	4. 4. 1	75.7	26.4 26.4	25.6 26.6	1	76.€ 26.3	26 • 9 26 • 9	26.0 26.5	26.4	26.8 26.8	14.3 26.0	76.8 26.8	26.8 26.8	26.8 26.8	26.6 26.8	26.5 26.5
≥ 8000 ≥ 7000) • 1	26.6 27.3	27.1	27 • 8 21 • 8		27.6	27.6	27.6	27.6 27.5	27.6 29.0	27.6 27.6	27.6	27.6	27.6	27.6 29.1	
≥ 6000 ≥ 5000	4.1	25.7	22.7	1	- 1	9.1	27.1	?%.1	21.1	20.1 71.1	2°•1 31•1	20.1 31.1	27.1	29.1 31.1	20.1 31.1	29.1 31.1
> 4500 2 4000	1.	71.3 42.3		57.1 43.9	32.4 44.3	32.4 44.3	32.4 44.7	72.4 44.4		32.4 44.4	32.4	32.4 44.4	32.4 44.4	32.4 44.4		
2 3500 2 1006	- 4	51.7 54.7	i	53.9 57.4	54.8 59.7	54.5	54.9 53.7	ົ4.9 ະສ.9	54.0 58.0	55.0 59.0	5°.	55.7 52.0	55.7 59.0		55.7 59.3	
2 2500 • 2006	. 1	67.6 57.2		65.8 7 1. 6	67.7 73.9	67.6 74.2		47.9 75.	67.5 75.1		6°•0	69.0 75.3	68.0 75.3	68.0 75.3	68.0 75.3	68.0
2 500	. [57.7 71.5		72 • 2 77 • 4	74.7 80.4	75 • 10 • 8	75.4	1 1	75.4 82.0	_	76.1 82.3	76.1 32.3	76 • 1 82 • 3	76 • 1 82 • 3	75.1 82.3	76 • 1 82 • 3
2 120C ≥ 100G	3	70 .3 75 .3		8 • 3 83 • 7	-	38.3		35.7	85.0			86.2 90.9		86.2 91.2		86.2
≥ 800 ≥ 900	(• 3	75.4 75.9		1	88.7 89.7	າ8•9	- 1	93.1	9 . 9	91.3	91.4		-	91.9		91.8
≥ 700 ≥ 600	.: • 1 5 • 1	75.9 75.9	83.3 83.3		97.4 9J.8	^1 • 8 °2 • 2		94.0		94.8	95.3 96.0		•	95.8 96.4		1
≥ 500 ≥ 400	6.3	76. 76.	83.P 83.3	86.6 86.6	1	73.1	94.7	96.4	-		97.7 98.1	97.7	98.2	98.3 98.9	08.4	
≥ 300 ≥ 200	5.3	76•0 76•0	83.9		91.8	93.2 93.2	95.1	96.7 96.7		97.8 97.9	98.6 98.7			99.7 9 9. 8	99.9	99.9
100 ج 2 0	υ• 3	76. 76.	87.9 83.9		91.8	93.2		96.7	97.3	97.9	98.7 98.7	98.7	99.3	99.8	1 7.3	100.0

TOTAL NUMBER OF OSSERVATIONS

901

USAF ETAC NI 44 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE ORBOLET



TUTAL CLIMATOLOGY CHANCH CLAFETIC ASSIMITATION SHRVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

93**0-**1190

CEILING							v15	IBILITY ST	ATUTE MI.							
FEET	≥ 10	≥6	≥ 5	2.4	≥ 3	≥2:	≥ 7	≥1';	≥1%	≥1	≥	≥,,	≥ ,	≥ 5 16	≥ .	≥0
NO CEILING	. 1	1 . 7	15.	16.0	15.0	16.0	16.0	16.8	16.8	16.8	16.2	16.6	16.3 19.2	16.8 10.2		16.6
≥ 18000 ≥ 16000	7	17.4	19.6	17.6 27.0		19.6	20.4	70.0	19.6 20.1	10.6	20.6	19.6	19.6			
≥ 14000 ≥ 17000	1.3	¢ .	2 •0	7 . O	21.1	0.1	21.1	77.1	20.1 21.0	20.1	27.1	23.1	2 .1	20.1 21.0	20.1	21.3
≥ 1000C ≥ 900C		1.4	21.6	71.6	21.7	?1.7 ?1.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	71.7
≥ 8000 ≥ 7000	, ,	70.8 74.3	21.5	22.9 24.4	23.0 24.7	73.0 24.6	27.5 24.6	27.0 24.6	2 . 24.6	23.i 24.6	27.	23.0	23.0	23.0 24.€	23.0	
≥ 6000 ≥ 5000	10.3	24 4 75 • 7	56. 58.7	24.6 25.1	24.7 25.1	24.7 .6.1	24.7 26.1	74.7 76.1	24.7 26.1	24.7 26.1	24.7	?4.7 2€.1	24.7 26.1	24.7 26.1	24.7 26.1	
> 4500 : 4000	7.1	26.9 -5	27.0 39.1	27.0 39.1	37.1	7•1 39•7	27 • 1 39 • 7	27.1 39.7	27.1 39.7	27.1 39.7	27.1 39.^	27.1 39.8	27.1 39.8	27.1 39.8	27.1 39.8	
2 1500 2 1000	2 ° 0 ° 1	47.4 53.1	53.6	47.8 53.7	48.7 54.2	"8 • 3	4 ₹ 54 - ₹	44.3	48.3 50.3	48.3 54.3	42.4 54.4	45.4 54.4	42.4 54.6	48.4 54.6	48.4 54.6	48.4 54.6
2 2500 2000		5 . 5	61.	61.2 69.7	32.3 72.1	12.4 12.2	62.9 72.9	52.9 72.9	62.9 72.9	62.9 73.2	63. 73.3	63.0 73.3	03.1 73.4	63.1 73.4	63.2 73.6	
2 800 500	73.1	6 1 • 4 7 ? • 9	70.6 76.	71.6 77.	74.1 80.0	'4 . 2 .0 . 1	75.7 51.0	75•0	75.0 61.0	75.3 81.3	75.4 81.6	75.4 31.6	75.6 81.8	75.6 81.8	75.7 81.9	75.7 81.9
2 1200 2 1000	37.7	74.9	78.1	79.6 83.6	82.9 87.8	83.2 38.1	84 · 1 89 · 1	89.2	84.1	89.6	84.7	84.7	84.9 90.3	34.9 90.0	85.1	85.7 96.2
. 900 2 BOH	33.3	7.6 7:.1	83.2	95.3	88.6 93.2	°8•9	87.9 92.1	92.3	90.5 92.3	93.3 92.7	97.6	97.6	90.8 93.1	90.8 93.1	91.2 93.6	91.2 93.6
2 700 2 600	33.7	78.6 78.6			91.2 91.0	91.9 22.7	93.2	73.6 94.9	93.7 95.0	94.5 95.6	94.2	94.2 95.8	96.1	94.4	94.9	94.9 96.6
± 500 ≥ 400	33.7 33.7 33.7	78.6 78.6	83.9	26.2 96.3	92.1	73.1	95.1 95.2	95.8 96.:	95.9 96.1	96.4 96.8	96.7	96.7 97.0	97.0 97.3		97.6 98.	97.6 98.7
2 300 2 200 	33.7	78.6 78.6	84.7	86.3 86.3	92.2 92.2	97.1 93.1	95.4 95.4	76.3 76.3	96.6	97.2 97.2	97.6 97.9	97.6	97.9 98.3	98.1	98.7	99.2
2 0	33.7	78.6	84.	86.3	92.2	73.1	95.4		96.6	97.2 97.3	97.9 98.9	97.9 98.0	98.4 98.6	98 • 3 98 • 9	99.4	

TOTAL NUMBER OF OBSERVATIONS,

90

USAF ETAC PLAN 0-14-5 (OL A) PREVIOUS SOTTING FORM ARE COSCUE

CLIMAL METMATOLOGY T ANCH LOWETTIC ALL STATES STOVIC MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

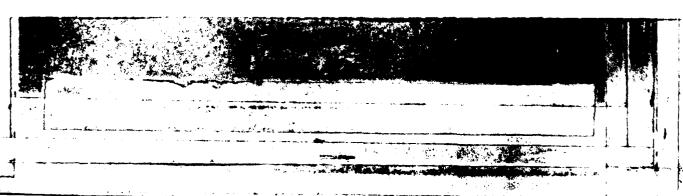
12,3-1400

CEILING							VIS	BILITY ST.	ATUTE MIL	ES						
' FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	≥1':	21.	≥1	≥ 4	≥ >•	≥ ,	≥ 5 16	2.	≥0
NO CEUNG 1 20000	1	1/ • 1	1	16 • 1 17 • 6		16.2 17.7		15.7		15.2 17.7	16.7 17.7	16.2	16.2 17.7	16.2 17.7	16.2 17.7	
≥ +8000 > 6000	14.4	19.10	10.	10.9	2 5.5	19•5 /0•3	27.7	*0.5	19.5	19.5 21.0	10.5 20.5	19.5 2).E	19.5	19.5 25.0	19.5 20.5	
2 14000 2 1000		110	21.	71.1	21.7	7C • 1	27.1	27•1 71•2	21.2	20.1 21.2	2 - 1 21 - 2	21.2	21.2	20 • 1 21 • 2	27.1 21.2	2'. • 1 21 • 2
* 2000 * 2000		15.8			22.7	22.6 22.7	22.7	72.6 22.7	22.5 22.7	22.6 22.7	22.5	22.6	22.6 22.7	22.6	22.6	22.7
- 9300 - 194 	ه ۰ <u>نون</u> .	7.2	25.6	25.8	25.0	73.6 75.9	23.9 25.2	25.9	23.6 25.0	23.6 25.9	23.6 25.9	23.6 25.9	23.6 25.9		25.9	
; 5000 - 5000 5000			22.	26 • 5 26 • 3	16.6 25.4	76.6 28.4	29.4		26.5	28.4 28.4	26.6	20.6 23.4	26.6 28.4	26.6 28.4	28.4	26.6 28.4
* 4590 * 4000 - 1500		77.0	30.1	29.4 38.3	36.7		38.7	39.7	20.5 33.7		38.7	29.5 33.7		38.7		38.7
. XA		- 4 • 2 - 4 • 2		54,9	55.4			47.3 55.4	55.4		55.4	47.3 55.4	55.4	47.3 55.4	55.4	
2500 2500 800	• 4 • 4	51.2 71.0 71.5	73.	.73.6	74.7	64.4 74.9	75.1			75.7	75.4	75.4	75 - 4		75.4	75.4
500	47.7	77.8	79.5	79.4	31.7	21.4		9.7.1		76.1 82.4 87.0	76.2 92.5 87.1	76.2 82.5 87.1	82.5	€2.5	76.2 82.5 87.1	82.5
900	4 4	74.5	83.0		88.7	8 S	89.4	39.8	80.7		27.3	90.3	90.4	90.4	97.5	90.5
≥ 800 > 700	4 6	79.9	84.4	95.9	89.7	29.5	9 , 9	91.2	91.3	91.7	92.	92.1	92.3	92.3	1	92.4
≥ 600 ≥ 500	4 . 6	9 . 17	84.5	86 . D	97.4	61.1	92.7	94.4		95.0		95.8 96.8	96.7	96.3		96.4
≥ 400	48.6			R6.2	9 . 5	71.4	93.7	95.9	96.2		97.8	98.1	98.9	99.2	99.3	99.4
± 200 > 100	48.6 48.6	30.0 3.0	84.9	86.2			93.7	05.9	96.2 96.2	97.1	98.	98.2		99.7	- 1	1.70.7
± 0	48.6	3 .0	84.2		97.8		-			97.1	1			99.7		

TOTAL NUMBER OF OBSERVATIONS.

P 9 SHOUTAVERSON TO SEAM

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS ROITIONS OF THIS FORM ARE ORBOUT



CLITAL CLIMATOLOGY SANCH LIMETAT ATM ATATHS SHOVE MAG

CEILING VERSUS VISIBILITY

194 SACHAR BER AL

· 4 = / ·

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15::0-1700

CEUING							VIS	IBILITY -ST	ATUTE MIL	E 5						
FEE!	≥10	≥6	≥ 5	≥4	2.3	≥2.	≥ 2	≥17;	≥1.	≥1	≥ 4	≥ .•	≥ ;	≥ 5 16	≥.	≥c
NO CEILING ≥ 20000 ;	1	15.7		17.7	16.1 17.8	16.i 17.8	15.1 17.9	 17. E	16.1 17.8	16.1 17.6	16.1 17.8	16.1 17.8	16.1 17.8	16.1 17.8	16.1 17.8	16.1
≥ 18000	15.	70.1 20.5	20.1	27.1 20.5	20.7 20.6	7 • 2 20 • 6	20.4	?~•°	1 0 °C	21.6	21.7	2 •2 2 •6	23.2	20.6	27.6	20.2
≥ 14000	6.	71.0		71.2 21.6		21.3 21.7	21.7 21.7	71.3 21.7	21.7	21.3	21.3	21.3	21.3	21.7	21.3	21.3
≥ 19000	17.	12•3 _12•5	27.5	22.3 22.5		72.4 72.6	72.4 27.6	77.4	22.0	22.4	20.4	2:•4 22•6	22.4	22.6	22.4	22.4
≥ 8000 2 7000		77.5	-	71.5 20.4	23.6 25.3	23.5 26.3	23 • 6 24 • 3	73.6 26.3	23.6 26.3	23.6 26.3	27.6 26.3	23.6 26.3	23.6 26.3	23.6	23.6	23.6
2 6000 5000	2.0	27•0 74•9	28.0	77.2 78.9	27.7 29.	27.3	27.7 29.1	7.3 29.1	27.2	27.3 29.1	27.3	27.3 29.1	27.3 29.1	27.3 29.1		27.3
4500 4000	្សិរ•ព •]	21.5 27.4		29.8 39.7	30°5 50°6	79.9 79.8	39.7	ئ•ں. د •داید	30.0	33.1 39.9	37.0 39.0	3°•9	30.3	39.9	- 1	₹0.0 39.9
2 3500 2 5000	1.	46.7 57.1	47.4 57.0	47.4 57.8	54.	47.5	47.7 54.2	47.7	47.7 54.^	47.7 54.2	47.7 54.2	47.7 54.2	47.7 54.2	47.7 54.2	47.7 54.2	47.7
2500 2000	44.	ευ. <u>1</u> 6ε. 2	70.7	6 -•3 70•3	71.	67.5 71.2	6 . r 7? • 1	68 72.1	6"•1 72•2	6° 72.5	6 . ° 77 • 6	6 •8 72•6	67.0 72.7	60.9 72.7		60.9 72.7
2 1800 2 1500	_44.1 _4∋.⊴	50.7	77. 75.4	71 • 2 76 • 1	71.7 77.	72 .1 7.3	73.7 78.4	73.0 78.4	73 • 1 78 • 6	73.4 78.9	73.5 79.0	73.5 79.2	73.6 79.4	73.6 79.4	73.6 79.4	73.6 79.4
2 1000	46.0° 47.0°	71.6 77.	7/•5 8 • *	79.7 81.8	81.7 83.F	1.6 24.5	83.2 85.2	27.6 26.7	83.5 87.	84.3 87.6	84.5 88.	84.6	84.8 83.3	84.8 88.3	- 1	84.8
2 900 ≥ 800	4 • 3	77.5		53.1 53.4	85.4 86.0	76.3 57.1	39 • 1	0.0°E	38.7 87.9	89.5	97.5 91.5	91	90.3 92.3	93.3 92.3	[90.3
2 700 2 600	47.3 47.3	77.5 77.7	81.0	84 • 3 94 • 8	37.7 38.4	`8 • 4 39 • 7	90 • 6 92 • 1	97.8	91.4 93.3	92.5	93.1 95.2	93.2 95.3	94.7	94 • 1 96 • 4	94.2 96.5	94.2
2 500 ≥ 400	47.3 47.3	77.7			80. 87.	90.3 90.3	92.6 92.9	93.6 94.1	94.3 94.8	95.7 96.4	96.7 97.8	96.8 97.9	97.8 99.1	97.9 99.2	98.0	98.3 29.4
≥ 300 ≥ 200	47.3 47.3	77.7	87.3 87.3	35 • 2	89.0 89.0	20.3 0.3	92.9	94.1	94.8	96.4 96.4	97.8 97.8	97.9 97.9	99.1 99.1	99.2 99.2	1	99.4
≥ 100 ≥ 0	47.3	77.7	87.3 87.3	85 • 2 35 • 2	89.7 84.7	97.3	92.9 92.9	94.1	94 . A	96.4 96.4	97.8 97.8	97.9 97.9	99.1 99.1	99•6 9 9• 6		

TOTAL NUMBER OF OBSERVATIONS,

897

USAF ETAC 100 0-14-5 (OL A) MEMOUS SOTTIONS OF THIS FORM ARE COSCUET

FRESHAL CLIMATOLOGY BIANCH COMMETANC ATT WHATH WE STRVICT/MAC

CEILING VERSUS VISIBILITY

SHEMAN AFB AV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12/5-2000

/EUNG							VIS	IBILIT - ST	ATUTE MILI	ES						
.66.	≥10	≥6	≥ 5	≥ 4	≥ 3	22.	≥ 2	≥1';	≥1%	≥1	≥ 14	≥ `•	≥ 'n	≥ 5 16	≥ .	≥0
10" (E-0NC- 20000	` . G	 	1	15.2 17.2	15.2 17.2	17.2	15.3 17.2	5.0 17.2	11.00 17.2	15.2 17.2	15.2 17.5	15.2	15.2 17.2	15.2 17.2	1°.2	15.2
≥ 18000 ≥ 18000	1 .	1 • 4	1 ° • 7	10.4	13.6	13.4 13.6	19.4 19.6	19.4	18.4 18.6	13.4 18.6	18.4 18.6	12.6	18.4 18.6	18.4	18.4	18.4
≥ 14000 ≥ 12000	1 • 6	11.3	18.7	1 .7	13.7	18.7	18.7	18.7	18.7 19.3	16.7	10.3	18.7 19.3	18.7 19.3	18.7 19.3	18.7 19.3	18.7 19.3
≥ 10000 ≥ 9000	13.4	2 • 8	27.0	2 • 8	2	7 1 • 4 7 • 8	2 • 4 2 • 9	↑ .4 27.8	27.4	20.4 20.6	20.4 21.8	20.4	2J.4 2:.8	10.8	20.4 20.8	26.6
± 8000 ± 7000	1 .4	7.5.2 74.4	27.5	??•2 ?5•5	23.2 25.5	73.2 75.5	25.5	77.0 75.5	27.0 25.5	25.2 25.5	23.? 25.5	23.2	23.2 25.5	23 • 2 25 • 5	23.2 25.5	23.2 25.5
≥ 6000 ≥ 5000	15.6	24.3	2 > 0	?ઠ•4 <u>22•</u> 5	25.4 27.7	29•7	2 /s 29 . 7	26.4	26.4 29.7	26.4 29.7	26.5	26.5 29.8	26.5 29.8	26.5 29.5	26.5 29.8	26.5 29.8
≥ 4500 4000	10.3	30.9 36.3	37.	37.3		77.5	31.7	31.2 77.5	31.2 37.5	31.2 37.5	31.3	31.3 37.6	31.3 37.6	37.6	37.6	
2 1500 2 HXXX	23.	4 7 . 2		43.4		43.3		4 3 • 7	48.7	43.8	43.0	45.9	43.9	43.9 48.8	48.8	48.8
2000		53.65 3.63	5 E . 4	66.3	56.3 67.4	6.3 57.4	57.4 67.7	67.8	56.4 66.1	56.5 63.5	56.6 68.6	56.6 48.6	56.6 68.6		62.6	68.6
2 80C 2 50C	29• 29•	67.8		67.7 73.9 77.1	75.6	68.9 75.6	69.1 76.3	59.2 76.4	69.6 76.7	77.1	7 77.3 82.7	77.3 82.7	7 1 • 0 77 • 3 82 • 7	70.0 77.3		77.3
2 1000 2 1000	21.4	72.0	79.7	-	84.6	5.5	87 • 2 87 • 8	98.5	84.	82.6 89.9	90.0 91.	90.0	99.0 91.0	00.0	1	
≥ 800	26 4	7.2	79.7		36.4	6.7 8.3	89.1	9 5 72.2	91.1 92.8	92.0 93.8	97.6	92.6	92.9	02.9	92.9	
2 600	20 S	73.4	8	84.5	88.1	18.5	91.7	93.3	93.9	95.1 95.8	96.0 97.0	96.0	96.2 97.5	96.2	96.2	96.2
≥ 400	20.5	73.5	8 .2	E4 . 6	85.4	18.9	92.Z		94.5				98.2	75.4		98.9
200	ຼາ s _າ s	73.5	۶۳.2		98.4	□8.9		93.9	94.5	96.1	97.8 97.8		99.6	99.	99.6	
2 0	20.5	73.5	1						94.5			97.9		,	1	100.5

AL NUMBER OF ORSERVATIONS 89

USAF ETAC FOLIA 0-14-5 (OL A) PREVIOUS ENTIONS OF THIS FORM ARE DESCRET

BIOMAE DEEMATHERSY REARCH L AFETAC Alous FATA I SE VIICENBE

"T VA AFE AF

CEILING VERSUS VISIBILITY

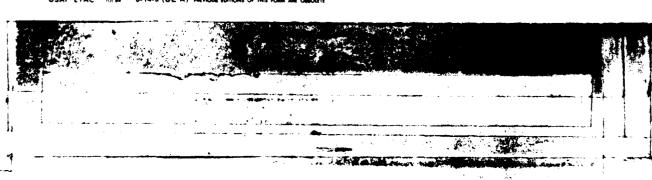
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>-1 7-2375</u>

EUNO							VIS	IBILITY ST	ATUTE MIL	.ES						
4867	≥10	≥6	≥ 5	≥4	≥3	≥2:	≥ 2	≥1";	≥1 2	≥1	≥ 14	≥ >₀	≥ ′7	≥5 16	2.	≥0
Nr. / ER/NG 20000		10.4	17.5	10.2				19.8			19.4	19.4	10.4			
2 18000 2 0006		~ • 3	27.4					20.7	2 .7		20.7	2 7	2 . 7	20.7	21.7	20.7
4000 2000		7 • 4	2	27.c	20.7 21.1	26.7	23.9	?5∙8 ?1•2	20.8 21.3			20.8	2 .8	20.8	27.8	28
\$ 6000 \$ 1,000 \$	•	1.7	21.0	71.4 22.0	21.5	21.5	21.4	21.6	21.E	21.6	21.6		21.6			71.6
9600 2000		72.0	2 ~ . (2 ~ . 4	22.7 25.5	27.6	72.9	27.7	23.6	27.	23.0 25.8	23.7	21.3	23.7	25.9	23.0	23. 3
≥ 6000 • 500°	-	7.4	25.€	25.8	25.0	25.9 28.4	26 • 0	75.0 78.8	26	26.0 28.0	25.0 28.0	26.3	26.7	26.0 28.6	25.0	26.0
+ 4500 + 4000	•	75.7	20.7	29 • 8 36 • 5	36.7	36.7		37.2	37).	30.3	30.3 37.0	30.3	37.3	30.3	3".3	30.3
3 1500 3 906	7.0				43.6	43.6	43.5	43.0	43.9	43.9 48.4	43.9	43.9	43.0	43.9	48.4	43.9
2500 2000	11.	3. 3	57.7	57.2	57.A			53.8 50.6	58.9	58.8 69.7	53.8	58.8	59.8	58.8	58.8	58.8
800 500	17.3	52.2 65.7	6.73.	57.9 74.6	67.1	7.9.5	7 . 5	71.	71.	71.1	71.1	71.2	71.2	71.2	71.2	71.2
2 1000	12.3		76.F	77.9 £1.6	31.2	1.5	83.4	34.3	84.3	84.5	84.6	84.7	84.7	84.7	84.7	8C.4 84.7
≥ 900 ≥ 800	17.3	57.5		£1.7 32.2	86.C	36.6 87.7		90.9	91.1	91.3	91.6	91.8	91.8	91.8	91.8	91.8
2 700	12.3	6° • 8	79.3	93.3		89.3	91.9	93.9	94.2	92.5	93.1	95.1	93.5 95.4	95.4	95.4	
± 500 ± 400	1 3	70.2	79.9	84.2	87.5	20.2	93.3	75.8	96.1		97.2	96.1	96.5	96.5	97.9	97.9
- 300 2 200	17.3	7.02	79.0	94.4	83.3	90.5	93.8	96.2	96.5	96.5	98.0	98.2	98.7	98.2	99.2	99.4
130	1 . 3	79•2 70•2	70.0	84.4	89.0	9, •5	93.8	96.3 96.3	96.7	97.1 97.1 97.1	98.3	98.7		99.4	99.7	10000
i			• '1	U 7 6 4	3 - 6 7	70 0 0	7397	7003	70.1	7 (• 1	70.3	98.7	7701	99.4	99.7	

NUMBER OF OBSERVATIONS 80

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOSETE



ELEMATE CEMANTHER OF ANCHOR OF THE THE ANCHOR OF THE THE ANTHOR OF THE ANGEN OF THE ANCHOR OF THE AN

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOLE L

CEUNG				-			VIS	IBILITY ST	ATUTE MIL	E S						
fff	≥10	≥6	≥ 5	≥4	≥ 3	≥2 7	≥ 2	≥1:	≥1.	≥1	≥ 🧓	≥ '•	≥ ',	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	. 4	!S.3	1 · · · · · · · · · · · · · · · · · · ·	1° • 6	10.7	19.7	10.7	10.7	19.7 20.8	19.7 20.8	19.7 20.3	19.7 20.8	19.7	19.7	19.7	19.7
≥ 18000 ≥ 15000	0.1	71.5 71.5	21.7	21.8	21.9	21.9	21.3	71.9 72.2	21.0	21.9 22.2	21.0	21.9	21.9		21.9	21.9
≥ 14000 ≥ 12000	`•	?1.9 ?.4	2 ? • !	22.2 22.7	22.8 22.8	22.3 22.8	?2.7 22.3	າາ.3 32.8	∡2.3 22.3	22.8	22.8	22.8	22.8	22.3	27.3	22.3 22.8
2 10000 2 9000		1	23.7 23.0	27.4	23.5	13.5 23.8	23.9	23.6 23.8	23.6	23.6	23.6 23.8	23.6	23.6	23.6	23.6	23.6
≥ 8000 ≥ 2006	10.7	74.4 72	24.6 26.4	24.7 25.6	24 • 8 26 • 7	74.8 26.7	24.3 26.7	24.0 26.7	24.5 26.7	24.9 26.7	24.9 25.7	24.0	24.9	24.9 26.7	24.9	24.9 26.7
± 6000 ± 5000	11.1	?6.€	26.¢	2°•0	27.1	77.1	27.1	0.0	27.1 29.4	27.1	27.1	27.1	27.1 29.4	27.1	27.1	27.1
+ 4500 - 4000	1.7.5	3¢ 33.₽	3 . 7 37.4	3 · 4 3 · 6	3 '• f	30.6 53.8	31.4	30.7 60.1	30.7 41.1	30.7 45.1	30.7 40.1	36.7 4:.1	31.7 40.1	30.7	30.7 40.1	30.7
2 350C T	10.7	46.8			4°.5	48.5 53.8	49.6 53.9	48.7	48.7 54.3	48.7 54.3	48.7 54.	48.7 54.0	49.7	48.7	48.7 54.0	48.7 54.0
2506 2006	7 .6	50.8 65.8	6' • q	51.4 65.9	62.1	1.5	67.5	67.6	62.6	62.7	62.7	62.7 72.8	67.7	62.7	62.8	52.8 72.8
2 80C 1 500	23.4	56.6 "L.4	69.9 74.9	7 .9	72.5 78.6	12.7 76.8	77.7	73.5 9.0	73.0 80.1		73.0	73.9	74.0	74.0	74.0	
2 1200 2 1000	23.7	74.6	73.7 8 .7	79.7 83.1	82.6	2.9 87.0	84.2	64.7 69.5	84.0	95.2 90.1	85.4 90.3	85.4		85.5	ε5.5	85.5 90.6
> 900 ≥ 800	23.4	74.7	81.1	53.5 84.4	88.3	°7.7	89.7 90.7	91.8	97.4			91.2	91.4			91.5
≥ 700 ≥ 600	23.9	75.3	82.2 82.2	85 • 1 75 • 3		ગ્1•2	92.1	73.3		95.4	94.6		95.1		95.2	95.2
≥ 500 ≥ 400	27.9	75.4 75.4	82.4 82.5	25.6 35.6	91.4	91.3	93.7	95,6	95.6	96.4	97.1	97.2	97.7	97.8	98.	98.0
≥ 300 ≥ 200	23.7	75.4	82.5 82.5	€5.7	9 '.6	91.4	94.	95.8 95.8	96.2	97.1	98.1 98.2	98.1	98.8	99.1	99.3 99.7	09.4
+ 100 2 0	23.0	75.4 75.4	£2.5 82.5	35.7	90.6	01.4		95.8	96.7		98.2	98.3	99.1	99.5	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 719

USAF ETAC FOLK O-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

THORAL OLTH TOLO, Y SHAMOH HIMARCTIC ATH APATHUM STOVIC, MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

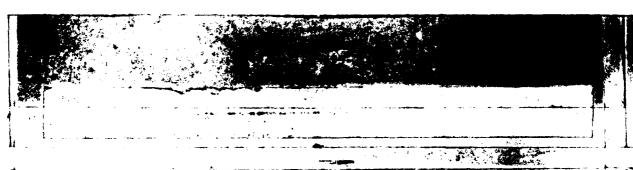
222-9200

· EcNo							VIS	BILITY ST	ATUTE MIL	ES						
FFE"	≥:c	≥ 6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥17,	≥1.	≥1	≥ %	≥ 'a	≥ ,	≥5 16	≥ .	≥0
20000 20000		; ; . 4 8	17.	1º.1 1º.5	10.3	18.7	18.3 18.7	13.0	18.7 18.7	14.3 18.7	15.7 18.7	1 · • 3 1 · • 7	13.3 14.7	18.3 18.7	18.3 18.7	
≥ 18000 ≥ 16000	• 1	1 • 5 1 • 4	1°•4	ે • દ ૧૦•ા	19.8 19.7	13.8 19.2	19.2	19.8	18.8 19.8	18.8 19.2	16.5 19.2	18.8 19.2	19.8 19.2	18.8 19.2	19.8 19.2	18.8 19.2
≥ 14000 2 12000		1 . 6	17.7	19.2	10.5	17.5	17.5	*9.5	19.5	19.5 19.6	19.5 19.6	16.5 19.6	19.5 19.6	19.5 19.6	19.5 19.6	19.5 19.6
≥ 1000C ≥ 900C	5,		17.5 10.5	10 • 7 10 • 7	19.0	19.9	9.9	19.9	10.0	19.9	19.7	19.9	19.9	19.9 19.9	19.9 19.9	19.9 19.9
2000 2000		1 .5	1 1 . 1	71 . 1	21.1	1.1	21 • 1	7 .3	21.1	21.1	21.1	2 .3 21.1	2°•3 21•1	20.3 21.1	27.3	2. • 3 21•1
? 6000 .* 5000	•	7 .4	2 . 2 . r	71.1 71.2	21.7	72.4	21.3	71.3 77.4	21.3 27.4	71.3	21.3 22.4	21.3 22.4	21.3	21.3	21.3 22.4	, ,
4500 4300	- 1		2 7 . 7 34 . 1	74 • 2 34 • 7	24.5 25.7	24.5 75.7	35.0	74.5 75.5	24.6 35.6	24.6 35.9	24.6 35.9	24.6 35.9	24 • 6 35 • 9	24 • 5 35 • 9	24.6 35.9	24.6 35.9
750t 7 Oct	3. i	2 	01. 44.	41.7	4 7 . C	83•0 09•0	43.1 49.7	47.2	43.7 40.5	43.3 45.5	43.3 49.5	43.3 49.5	43.3 49.5	43.3 49.5	43.3 49.5	1 1
2500 200	· 5	4 . h	54.5 61.6	63.3	57.6 01.6	-7.6 7		5 9.3 5 8.1	हुवु . । ८० . 4	58.5 68.5	59.5 69.5	58.5 68.5	58.5 68.5	58.5 68.5	58 • 5 62 • 5	1 1
2 BOI 5 X	7. 1 7. 3	5(• } 1•4	6] • 4	(4.6 (9.7	69 • 5 74 • 5	΄ε.2 '5.1	6° • 1 76 • 7	59.7 77.5	7 • 1 78 • 1	72.1 78.4	7°•1 78•5	7: •1 78•5	73.1 78.6	75.1 78.6	70 • 1 78 • 6	(
20C 0000	र•प उ•र	. 4 • : • 4	71.1 73.5	74 • 1 76 • 8	77.5 82.5	10.1 13.4	81.4 85.1	"?•6 "6•3	83.7 37.1	83.7 87.5	87.8 87.6	83.8 87.6	83.9 87.7	83.9 87.8	83.9 87.8	83.9 88.7
900. ≛ 800.	3 • 3 7 • 3	5 • 5 5 • 1	73.7 7 5.1	77 • i 75 • is	87.4 35.5	4 • 1	85.8 83.4	57.1 10.9	38.1 9.0	88.6 91.6	88.8 97.	88.8 92.9	89.3 92.3	89.1 92.5	89.1 92.7	- 1
2 700 2 600	3 • 3 3 • 3	6 • 2 6 • 5	75.4 75.6	79.4	86.0	°7•2 88•0	89.7 80.8	ი ი. 6 9 1.4	91.6 92.5	92.4 93.2	97•9 93•8	97.9 93.8	93.2 94.1	93.5 94.5	93.8 94.7	
: 500 ≥ 400	3 • 3	·6 • 5	75.9 75.6	79.7 79.8	87.5 87.6	89. 89.2		73.5	94.7 95.5	95.7	96.7 97.6	96.7	97.3 98.3	97.7 98.7		99.4
2 FX0 2 200	3 · 3	,6.5 .6.6	75.9 75.9		87.6 87.7	99 • 2 89 • 4	91.9	94.1	95.5 95.6	96.7 96.8	97.7 97.8	99.7	98.5 98.6	98.9 99.1	99.5	99.9
2 2	3.3	6.6		79.9 79.9	87.7 87.7	89 • 4 39 • 4	91.9	94.2 34.2	95.6 95.6	96 • 8 96 • 8	97.8 97.8	98.0 98.0	98.6 98.6	99.1	_	100.0

TOTAL NUMBER OF DESERVATIONS......

930

USAF ETAC 10164 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE OBSOLET



GERTAE RETRATRERTY REALON CHARCH AFRICAN

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-0500 Hours (5)

CHUNG							VIS	IBILITY ST.	ATUTE MIL	ES						
· FEE :	≥10	≥6	≥ 5	≥4	≥ 3	≥2;	≥ 2	≥115	≥17-	≥1	≥ %	≥ '•	≥ 7	≥5 16	≥ .	≥0
NO ⊂EIUNG ≥ 20000	•	17.5 17.5		10.3 18.3	10.7 18.7	18.3 18.3	15.3	10.3	18.7 18.5	18.3 18.3	18.3 18.3	13.3		18.3 18.3	18.3 18.3	
≥ 18000 ≥ 16000		17.6			13.4 15.5	18.4 13.5		10.4	18.0 18.5	18.4 18.5	19.4 19.5	18.4 18.5	18.4 18.5		18.4 18.5	18.4 18.5
≥ 14000 ≥ 12000		7.8 L	14.4	15.6 15.7	19.6	18.6 18.7	18.6 19.7	18.6 18.7	18.6 18.7	18.6 18.7	18.6	18.6 16.7	18.6 18.7		19.6 18.7	18.6
≥ 10000 ≥ 9000	• 5	3	10.	19.0 15.0	10°.	19.	10.	19.1	19. 19.	19.0 19.0	19.0 19.0	19.0 19.0	19.7	19.0 19.0	19.0 19.0	
≥ 8000 ≥ 7000		9	19.7 27.4	19.7	10.7 20.5	19.7 20.5	10.7 20.5	17.7	19.7	19.7 2.5	19.7 20.5	19.7	19.7 29.5	19.7 20.5	19.7	19.7 20.5
≥ 6000 ≥ 5000		? 1 . e	2 • "	? •5 ??•3	23.4	ີ໘.6 ານ.	20.5	27.6 23.0	20.0 23.0	20.6 23.0	∠0.6 23.0	20.6 23.0	20.6 23.8	20.6 23.0	27.6	
> 4500 ± 4000	i • ·	76.2 31.6	37.8	27.8 38.2	29.7 33.3	78.3 79.2	20.3	?R.3 37.2	28.3 30.7	28.3 39.2	23.3 39.2	2 5 • 3 3 9 • 2	28 • 3 39 • 2	28.3	28.3 39.2	28.3 39.2
2 3500 2 3000		74.8 44.5	45.1	42.7 48.5	43.9 50.1	43.9 C.i	43.0 50.2	43.9 50.2	43.0 50.3	43.9 50.4	43.9 50.4	43.9 50.4	44.1 50.5	44.0 50.5	44.7 50.5	44.0 50.5
2500 2000	i	5 • 5 56• 7	5 5 • 5 6 2 • 7	55.9 64.	53. 67.7	58.7 67.4	59.3 67.6	58.5 68.0	58.7 68.2	58.9 68.5	58.9 68.5	58.9 68.5	59.0 68.6		59.0 68.6	
- 1800 - 1500	1.4	57.5		45.5 71.1	63.8 75.6	69.1	69 • 4 77 • 1	69.8 77.4	77.6	71.3	70.3 79.1	70.3 78.1	71.4		70.4 78.2	
≥ 1200 ≥ 1000	1.7	43.7 65.2	72.4	75 • 1 7 7 • 6		91.0 34.5	92 • 0 85 • 7	96.8		83•8 87•7	83.9 87.8	83.9 87.8		84.1 88.0	84.7	84.7
≥ 900 ≥ 800	1.9	65.3 45.5	75 • 1 75 • 3	78 • 4 79 • 5		95.5 87.1	86 • 7 88 • 3	97.7 89.4	88. 89.6	88.7 90.3	88.9 90.9			89.7 91.4	89.0 91.4	
2 700 2 600	1.7	55.8 66.5		79 .9 82 . 8		87.6 39.0	88 • 8 90 • 3	89.9 91.6	90.1 91.9	91 93.0	91.5 93.7	91.6 93.8	92.2 94.3	92.4 94.5	92.5 94.6	
≥ 500 ≥ 400	1.9 1.7	66.7 66.7		81.3 81.4			91.9	94.	93.7 94.3	95.2 95.9	96.0 96.9	96.2 97.1	97.1 98.1		98.7 98.9	
2 300 2 200	1.7	56.7 56.7	77.4	81.4 81.4			92.3 92.4	74.2 04.3	94.5 94.6		97.6 97.7		98.8 98.9	99.5		
⊵ 100 2 0	1.9	66.7	77.4				92 • 4 92 • 4	94.3 94.3	94.6 94.6		97.8 97.8	98.1 98.1	99.0	1 -		100.0

OTAL NUMBER OF OBSERVATIONS______935

USAF ETAC 10144 0-14-5 (OL A) MEVIOUS SOMONS OF THIS FORM ARE OSSOUTS

GLORAL ALIMATALOGY ARANGH Unit, Tac Att Frath - Strvictions

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

.£30-0803

FILNO							٧١S	IBILITY ST.	ATUTE MIL	£5						
FFE" :	≥10	≥6	≥ 5	24	≥ 3	≥2;	≥ 2	≥tra	≥1.	≥1	≥	≥ '•	≥ ;	≥ 5 16	≥ .	≥0
NC 1 EIUNG + 20000		ذ .	17.7	17.7	1 1	17.7	17.7 15.1	.7.7 15.1	17.	17.7 16.1	17.7	17.7	17.7	17.7	17.7	17.7
≥ 18000 5 6000	,	1 . 6	10.4	1 - 5 ! • 5	13.5	18.5 18.5	- • '	70.5 10.5	10.5	18.5 18.5	18.5 18.5	13.5		18.5		18.5
2 14000 2 2004	. !	1 7		1 6	10.6	10.5	18.6	19.6 10.7	18.6 18.7	18.6	18.6 18.7	18.6	18.6	18.6	18.5	
* POOK		1 7.8	• • •	13.7	15.7	18.7	19.7	16.7	18.7 18.7	18.7	1P.	18.7	18.7	18.7	18.7	18.7
> 800€ ≥ 700€		1 . 1	10.0	10.0 20.0	10.5	19.0	19.1	19.1 20.1	10.1	19.1	19.1	1 ^ .1 2 .1		19.1		19.1
≥ 6000 + 5000		1.0	2	7.7.	2 .1	73.			20.2	20.2 23.1	20.2	23.1	20.2	20.2	27.2	
* 4500 * 4000	1	3 4 . 1	24.1 37.1	27.2	27.6	27.7 38.7	27.3	27.8	27.8 38.9	27.8 38.9	27.8 38.9	27.8	27.8	27.8		27.8
- 50m	1.1	4 . 1	47.5	44.4	45.1 51.5	45.2	45.4	45.5	45.5 51.0	45.5 51.9	45.5 52.0		45.7	45.7 52.3	45.7	45.7
250C 200G	1.1.	• 3 5 • 5	54.	50.7	58.7	58.1 65.9	58.4	58.7 68.1	58.7	58 • 8 6 - 3	18.9	58.9 63.4	59.1	59.1	50.1	59.1
: 1800 : 1500	. 1		67.7	65.5 71.8	67.8 75.4	68.⊓ 75.6	50.6	40.1	69.1 77.3	69.4 77.5	69.5 77.6	69.5	69.7 77.8	69.7	69.7 78.0	69.7
2 1200 ≥ 1000	. 1	4.7	72.4	75 • 7 78 • 2	8 .2	10.5	81.9	37.D	03.5 86.5	83.3 87.1	83.5 87.5	83.5 87.5	83.8	83.9 88.0	83.9	83.9
.> 900 ≥ 800	1.1	6.1	75.3 76.6	75.8 50.2	84.1	74.4	35.9	97.2	87.2	88.	89.4	88.4	88.6	88.8 91.5	88.8	
2 700 2 600	1.1	6 7 • 1	77.0	0.6	86.6	27.3		20.6	90.8 71.5	91.9	92.7	92.7	93.1	94.4	97.4	73.4
± 500 ≥ 400	1.1	67.3	78.1	62.2 ^2.5	88.5	89.2		33.	93.5		96.0 97.	96.0 97.1	96.7	97.4 98.5	97.4	97.4
2 300 2 200	1 • 1	5 7 • 3 6 7 • 3	70.3	92.5 82.5	88.8 8.88	39.6		93.7	94.7	96 • 5	97.2 97.6	97.3 97.7	98.1 98.6	98.8	98.8 99.6	98.9 99.8
> 100 2 0	i • 1 1 • 1	67.3	79.3 79.3	82.5 82.5	\$8.8 88.8	89.9		94.0	94.6 94.6	96.5	97.6	97.7 97.7		99.6	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS....

93:

USAF ETAC 10144 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GEORAL CLIBATCLO, Y PRANCH E METAC ATH AGATER SERVICEMAC

CEILING VERSUS VISIBILITY

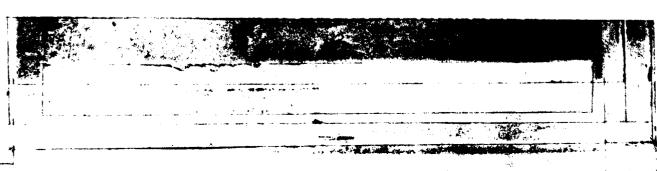
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

222-2106

CEUNG							VIS	BILITY ST.	ATUTE MIL	ES						r
1 686:	≥10	≥6	≥ 5	≥4	≥ 3	≥2;	≥ 2	≥17	≥١.	≥1	2 4	≥ `•	. ≥ .	≥5 16	2.	≥0
NO CEIUNG 2 20000	•	10.0	16.5 17.7	16.6	15.6	16.6	15.5	17.3	16.7	16.6	16.6	16.6	16.6	16.4	16.6	16.5
≥ 18000 ≥ `6000	• 7	17.4	17.6 17.6			17.7	17.7	17.7			17.7	17.7	17.7	17.7	17.7	
≥ 14000 ≥ 12000	. 1	17.6	17.9		1		13.7	• • • •	19.1	18.7	10.	1+."	12.7	18.0	18.	18.
≥ 10000 ≥ 10000	• 6	18.	18.7	j 6 - 3	10.4	18.3	13.4	2 . 3			19.4	1 .3	,	18.7	18.3	
≥ 9000 ≥ 7000	Γ.			10.5		19.6		10.6		19.6	15.5	1 7.6		19.6		19.6
: 6000 : 5000	•	7 . 3	5, ,	• 3	2 .0	^ .4	27.4	70.4	26.4	20.4	20.4	27.4	20.4	20.4		26.4
2 4500 2 4000	•	7	23.0	24.	24.4	74.5	24.5	74.5	24.	24.5	24.5	24.5		24.5		
2 3500	1 4		39.7	45.3	41.0	72.7	41.7	72.7 71.2	32.7	32.7 41.2	32.7 41.2		41.3	41.3	41.7	41.3
2500	170	4 3 - 0	57.4	95.1	56.3	″8.2 6.6	56.7	76.8	48.7 56.0	56.F	56.5	57.0	57.1	48.3 57.1	57.1	
2 80C	14.1	50.5	63.4	54 • 2 55 • €	58.7	68.4	67.	57.2 59.1	67.1	69.4	69.5	69.6		67.7 69.7		67.7 69.7
200 2 1000	1 . 9	53. s	6° • 0 7 • °	74.5	79.2	78.5	74.8	95.3	75.€ 30.4	76.1 80.8	76.2 31.0	75.3 81.1	76.5 81.2	76.5 81.2	76.5 81.3	76.5 31.3
2 900 2 800	15.7	68.6	74.5	77.4	83.8	34.2	85.4	26.9	87.	86.7 87.6	87.1	88.6	_	87.7 88.9	89.1	88.3 89.1
2 700	15.	59.5	7-•7	78 • 8	85.0	85.5 86.5	88.7	88.5 90.1	88.6 90.5	91.4	92.4	9 .4	93.6 92.9	90.8 93.1	91.7	91.7
2 500	15.7	69.1 69.2	76.3	79 • 8 9 ' • 3	86.5	38.0	90.7	91.2	91.6	92.6 94.0	93.5	93.9	94.4 96.0	94.6	94.9 96.7	95.1 96.8
2 300	15.7	69.2	76 • 3 76 • 3	8.4	87.4	38.4 F8.4	90.8	93.4	93.9	94.9	96.2	96.3 96.6	97.2	97.6 98.3	98.7 98.6	98.9
2 700	15.7	59•2 65•2	76.3	8 .4	87.4	38.4	90.9	93.7	94.1	95 • 2 95 • 2	96.2 96.2		97.8 97.8	98.8 96.9		
2 0	15.7	69.2	76.3	8 .4	87.4	88.4	9 , 0	73.7	94.1	95.2		96.6		98.9		

AL NUMBER OF OBSERVATIONS 930

USAF ETAC TOTAL 0-14-5 (OL A) MEVIOUS COMONS OF THIS FORM ARE DESCRETE



GU PAL CLIMATOLOGY PRANCH Unifertic Air Weath W Strvice/Mac

CEILING VERSUS VISIBILITY

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE

12/0-1430

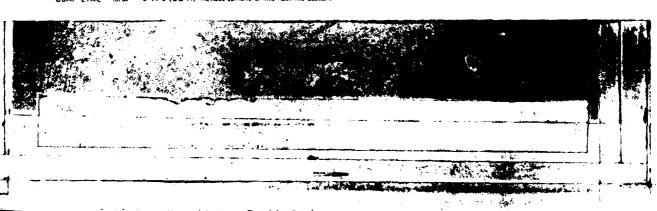
1

EIUNG							VISI	BILITY ST	ATUTE MIL	E5						
: 1EE.	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1%	≥1'.	≥1	≥ ≒	≥ ′•	≥ ;	≥ 5 16	2.	≥0
NO CERUNG 2 20000	 	11.7	11.0	11.0	11.7	11.9	11.7	17.3	11.6	11.5	11.7	11.9	11.9	11.9 13.4		11.9 13.5
≥ 18000 3.16000		10.5 10.1	15.4	14.8	14.5	14.8 15.4	14.5 15.4	14.3	14.8	14.9 15.5	14.7 15.5	14.9 15.5	14.9			15.1 15.6
≥ 14000 ≥ 12000	11.	15.7	15.5	16.0 16.5	15.7	16.5		16.6 16.6	16.1 16.6	16.2 16.7	16.2 16.7	16.2 16.7	16.7			
2 19000 2 9000	11.4	10.5 16.6	16.3	16.8	16.0	16.8	16.9	15.9	16.c	17.1	17.0		17.0 17.1	17.0 17.1	17.2	17.1
2 8000 1 2 7000 .	17.7	10.2	20.5	20.6	25.7	18.5	18.5 20.6		1° . f 20 . 3	18.7	27.0	2 .9	27.9			18.8 21.1
2 5000	1 .	71. 71.8	21.7	23.9	21.7	71.7	21.4 27.6 24.7	21.5 22.7 24.3	21.5	21.6 72.8 74.4	21.6	21.6 22.8 24.4	21.6 22.8 24.4	21.6 22.8	23.0	21.8 23.0 24.6
2 4500 2 4000 2 3500	2.00 2.00 2.000	20.9	30.4 38.6	3C • 6	30.0	30.9	31.	31.1	31.1	31.2		31.2	31.2	31.2	31.4	
2 3000	7 . 5	-	53.1	46.3 53.4	47.	47.1	47.5	47.C	47.7 5°.4	48.7	48 · 1	43.1 55.8	48.1 55.8	48.1 55.8		
2 1800	33.	5°1∙ 8	63.2 64.8	63.E	65.4	67.3	65.1	56.5	68.5	67.2	67.4		67.4		67.8	68.0
2 1500 2 1200	3. • 6 36 • 3		67.1 73.	70.2	77.6	72.9	73.9	74.3 79.6	74.5	75.4 80.8	75.6 81.1	75.6 81.1	75.8 81.4	75.9 81.5	76.3 82.7	76.6 82.3
≥ 1000 ≥ 900	36.7	77.6	75.3 75.2	76.6	81.2	71.8	93.1	95.4	34.5	86.7	86.2	96.Z 97.1	87.4	87.5	88.1	88.4
2 800 2 700	36.9	71.6	75.0	78.3	84.5	93.7	85.7	37.4	87.7	90.8	91.5	91.7	92.6	92.7	93.3	93.9
≥ 600 ≥ 500 ≥ 400	36.7	71.8 71.8	77.5	79.1	85.1	95.1 75.4	87.1	87.4	90.6	91.4 92.0	92.2 93.1 94.5	93.5	93.8	95.4	96.1	96.9 98.4
≥ 300 ≥ 200	36.9 36.9	71.8	77.5 77.6	79.1 79.1 79.2	85.4	75.4 95.5	88 • 5 88 • 5	91.1	91.9 92. 92.3	93.3 93.7 93.9	94.9	95.4 95.6	96.6 97.1 97.3	97.4	98.5	99.2 99.7
> 100 ≥ 0	36.7	71.9	77.6	79.2 79.2	35.5	35 • 5 25 • 5	88.6	01.3		93.9	95.2 95.2	95.6 95.6	97.3 97.3	97.8	99.1	1000

(FROM HOURLY OBSERVATIONS)

DTAL NUMBER OF ORSERVATIONS

SISAS ETAC TOPA DE 14-5 (OL A) REPUBLIS ENTINES DE THIS FORM ARE DESCRI



CLIFAL CLIMATOLOGY DEANCH UNAFETEC ATT LIATE W STEVICEZEAC

CEILING VERSUS VISIBILITY

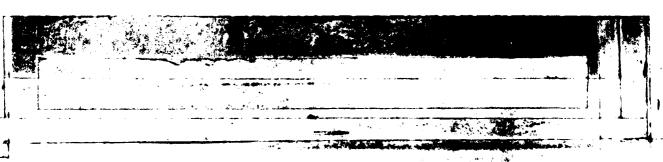
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15-9-1790

CEIUNG							VIS	BILITY STA	ATUTE MIL	ES						
· FEE:	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	≥11;	≥1.	≥1	≥ -4	≥ 'n	≥ '⁄2	≥ 5 16	≥ .	≥0
NO CEILING 로 20000	^ *	13.5	17.	1°• 13•7	12.2 13.8	13.8	17.7	17.2 13.8	12.2	12.2 13.6	12.2 13.8	12.2 13.8		12.? 13.8		12.2 13.8
≥ 18000 ≥ 15000	0.2	14.4	14.5	14.6	14.7	14.7 15.4	14.7	14.7	14.7	14.7 15.4	14.7 15.4	14.7 15.4	14.7 15.4	14.7 15.4	14.7	
≥ 14000 ≥ 12000	1.	11.6 15.8	15.5 16.	15.8 16.0	1.7	15.9 16.1	15.9 16.	15.9 16.1	15.0 16.1	15.9 16.1	15.9 16.1	15.9 16.1	15.9 16.1	15.9 16.1	15.9 16.1	
≥ 19000 ≥ 9000	17.	16.1	17. 17.	17.3	17.1	17.1 17.4	17.1	17.1	17.1	17.1 17.4	17.1 17.4	17.1 17.4	17.1 17.4	17.1 17.4	17.1 17.4	
≥ 8000 ≥ 7000	14.	1 .4	1 1.6 21.3	10.6 21.3	21.4	19.7	21.4	10.7	10.7 21.4	19.7 21.4	19.7 21.4	19.7 21.4	19.7 21.4	19.7 21.4	19.7 21.4	19.7 21.4
≥ 6000 ≥ 5000	16.	?1•°	7.2• 27•7	22.0 23.7	22.7	70.2 23.8	??•2 27•3	77.8	22.2 23.c	72•2 23•8	27.2 23.8	22.2 23.8	22.2	22.? 23.8	22.2	1
≥ 4500 ≥ 4000	17.7	24 • 9 32 • 4	25•3 <u>33•0</u>	33 o i	25.5 33.2	25.5 2 3. 2	33.3	25.5 23.2	25.5 33.2	25.5 23.2	25.5 37.3	25.5 33.3	25.5 33.3	75.5 33.3	25.5 33.3	25.5 33.3
2 3500 2 8006	24.5	3-• "\ 45•4	32.7 46.6	2 • 8 47 • 1	39.2 47.8	79.2 47.8	48.0	39.2 40.1	30.7 48.1	39.2 46.1	39.4 42.2	39•4° 48•2	37.4 48.2	39.4 48.2	39.4 48.2	39.4 48.2
≥ 2500 ≥ 2000	70 <u>.</u> c	51.5 61.5	53.4 63.4	54 • 7	55.5 65.0	5.5 56.9	67.1		55.8 67.5	55.8 67.5	55.5 67.7	55.9 67.7	55.9 67.7	55.°	55.9 67.8	
≥ 1800 ≥ 1500	34 • 4	61.7 65.3	64.6		69.5 74.7	68.5	74 . 4	74.9	69.1 75.2	69.1 75.0	. 9	69.4 75.9	69.5 76.1	76.1	69.6 76.2	76.2
≥ 1000 ≥ 1000	31 • 3 35 • 3	57.8 5°.2	71.2	74 • 3 76 • 3	78.7	78.1		84.3	79.8 84.6	80.3 85.5	86.3	86.3	81.1 86.6			
≥ 900 ≥ 800	35.4		73.8	77.3		32.7 43.7		86.6		88.1	86.7	86.7 89.7	87.0	89.6		
≥ 700 ≥ 600	35.5 35.5	70.4	75.2 75.4	78 • 2 78 • 4		35.3 36.1	87.3	89.7		91.8 91.8	92.	92.2		94.2	94.5	
≥ 500 ≥ 400	35.5 35.6	70.8		78.6		96.8	88.5	91.2	91.5	93.9		95.9	96.9		98.0	98.4
2 300 2 200	35.6			73.6			88.5	91.2		94.2	96.2 96.2	96.5 96.5		98.5		99.6
≥ 100 ≥ 0	35.6 35.6		75.6 75.6		85.4 85.4	86.8 86.8			92.3 92.3		96.2 96.2	96.5 96.5				1.0°C

TAL NUMBER OF DESERVATIONS

USAF ETAC TULAS 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE COSCUE



CETTAL DETMATCHOGY ARANCH UCACETAC ATH AFATHET SERVICEAMAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CELNO							VIS	BILITY ST	ATUTE MIL	ES						
1 156.	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2.	≥7	≥1:	≥1.	≥1	≥	≥ `4	≥ 7	≥ 5 16	≥ .	≥0
NE 20000		1 . ~	17.	17.6 13.6		1 7	17.7	1 4.7	17.7	12.7 14.1	12.7 14.	12.7 14.0	12.7	12.7 14.3	12.7	
≥ 18000 0006 5		14.5		14.5	14.7	14.7	14.7	14.7	14.7	14.7	14.5	14.7	14.7		14.7	1 1
2 14000 2 2000	•	- 1 - 1		15 • 2 15 • 2			15.5	- 1	15.5	15.5 15.5		13.5 13.5	15.5 15.5	15.5 15.5	15.5 15.5	15.5 15.5
2 1000C 2 900C		15.9		16.0	16.3				16.7	16.3 16.3	16.7 16.3	16.3	16.3	16.3 16.3	16.3	
2 8000 2 7000	. 4	11.7	17.0		18.7	13.2	10.3	10.3	18.3 19.5	10.3		18.3	18.3	13.3		18.3
2 a000 2 5000	. 0			10.6	19.5			27.0	20.0 21.3	20.0 21.3	20.0 21.3	21.3	20.0		20.0 21.3	20.0
> 4500 ± 4000	1.01	21.7	21.8		22.5	72.6		22.7 31.5	22.7	22.7 31.5	22.7 31.7	22.7		22.7	22.7	22.7
2 3500 2 3006	1.5	-	37.ρ 4°.1	38.3 45.8	37.4	39.5 7.1	39.7	47.4	30.8 47.4	39.9 47.6	4 .1	4 -1	47.8		47.1	46.1
2500 2000	. (• 3	40. 56.7	51.2	2.3	54.7	~4.4 65.3		54.7	54.7 56.	55 • 1 66 • 5	55.3 66.8	55.3	55.3	55.3		55.3
± 1800 ± 1500	1 .3		61.3	63.1 68.7	66.*	-6.6 73.9	67.	57.2	67.3	67.7	68.1	68.1	63.2	_	68.2	68.2
2 1200 2 1000	10.2	5.4.4	63.5		79.1	78.5 2.3	79.5	90.0	80.5 34.8	81.3	81.8	81.8	82.2		82.4	82.4
≥ 900 ≥ 800	10.2	45.1	71.3		81.7	P2.6	83.9	94.5	85.3	86.1	87.2	87.2 9 .3	87.5	87.7	88.0 91.4	0.83
≥ 700 ≥ 600	19.2	15.7 65.7	72.7	75.9	84.1	34.9	86.8	98-1		90.4		91.8	92.6	92.8	93.1	93.1
≥ 500 ≥ 400	10.2	66.1	72.7	76.6 76.7	85.1	76.7 6.8	89.2	01.1	92.6	93.9	95.4	95.5	96.5	97.0	97.6	
2 300 2 200	17.2	56.1 66.1	72.8	76.7	85.2	16.8	89.6	91.9	93.4	94.9	96.5	96.6	97.7	98.4		9.6
> 100	17.2	66.1	72.8	76.7		^6 • B	89.7		93.5	95.1	96.7	96.8 96.8	98.1	98.7	99.5	

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 de 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

STORAL CLIMATOLOGY PRANCH TARETTO ATT REATHER STRVICEZIAC

CEILING VERSUS VISIBILITY

SHETTA AFR AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

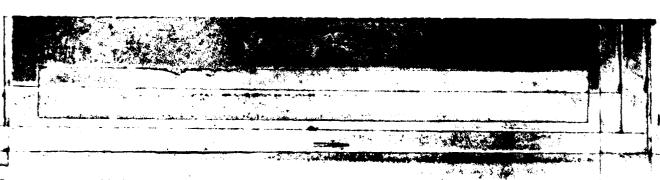
21_0-2300

CEUNG							VIS	IBILITY ST	ATUTE MIL	ES						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥172	≥114	≥1	≥ ¼	≥ '•	≥ 7	≥ 5 16	≥ .	≥0
90 / EIUNG ≥ 20000		11.4	15.5	15.5 16.3	1".5 15.7		15.9	15.9 16.8	15.8 16.8	15.9 16.8	15.0	15.9 16.8	15.9	15.9	15.9	15.9
≥ 18000 ≥ 14000	2	15.7	16.9	16.8	17.1 17.4	17.1 17.4	17.3	17.2 17.5	17.2 17.5	17.2 17.5	17.2 17.5	17.2 17.5	17.2 17.5	17.2 17.5	17.? 17.5	17.2 17.5
≥ 14000 ≥ 12000	2.1	17.	17.1	17.1 17.1	17.4 17.6	17.4	17.5 17.3	17.5	17.5 17.5	17.5 17.5	17.5 17.5	17.5 17.5	17.5 17.5	17.5	17.5	17.5
≥ 10000 ≥ 9000	2.1 2.1	17.1 17.5	17.2	17.3	17.6	17.6 17.8	17.7	17.7	17.7 18.	17.7 18.0	17.7	17.7	17.7	17.7	17.7	17.7 18.0
≥ 8000 ≥ 7000	?• : 	1".7	17.6 13.2	13.0	15.4	18.4 15.7	13.5 18.8	18.5 18.8	18.5	18.5 18.8	18.5 18.8	18.5	18.5	18.5	18.5	18.5
≥ 6000 ≥ 5000		13.3	10.4		13.0		2 . 1	70.0	19.5	19.0 20.0	19.0 20.0	19.0 20.0	19.0	19.0	19.3	19.0
≥ 4500 ≥ 4000	7 • 4 6 • 1	10.00 ₹5.00	2 1 • 3 3 1 • 1	31.6	21.0 32.0	72.0	21.7	71.1	21 · · · 32 · 4	21.0 32.4	21.	21.0 32.4	21.7	21.7	21.0	
2 3500 2 3000	4 . 7	77.4 43.7	37.1 46.1	79.2 46.5	40.7 48.7	48.2	40.5 45.7	48.9	40.6 48.9	40.6 49.0	40.6	40.6 49.0	40.6	40.6 49.0	40.6 49.0	4C.6
2506 2006	5 • 5	47.9 5.5	57•3 5°•4	57.9 50.5	56.7 64.7	56.5 64.5	57.1 65.2	55.8	57.3 65.9	57.5 66.1	57.5 66.1	57.5 66.1	57.5 66.1	57.5 66.1	57.5 66.1	57.5 66.1
2 1500	3 /- . .	5 ~ . 1 1	67.3	62.5 63.7	66.5 74.5	46.7	67.3 75.7	68.U 76.8	60.1 77.1	68.3 77.7		68.3 77.7	68.3 77.7		68.3	
₹ 1200 ₹ 1000	6. •	64.6	7 . 2	72.6 75.1	77.5	79.9 94.2	8:.1	92.3	82.6 87.6	23.4 88.6	83.4 89.0	83.4 89.0	83.5		83.5 89.4	83.5
• 900 ≥ 800		46.9 57.5	72.9	75 • 3 76 • 3	84.2 85.3	94.7 96.2	86 . 7 87 . 8	38.F	97.4	89.4	89.8 92.2	89.8	97.0	90.1	90.2	90.2
≥ 700 ≥ 600	6.	67.8 68.3	74.3 74.8	76 • 8 77 • 3	85.3 86.9	R7.3	89.1 89.7	91.3 92.0	91.9	93.1	93.8 94.5	93.9	94.2	94.3	94.5	94.5
± 500 ≥ 400	5 • U	68.4 68.4	75 • 1 75 • 2	77.5 77.6	87.6 87.8		91.8 92.4	94.2		96.1	96.9 97.8	97.0	97.4	97.7	98.1	98.4
2 306 2 200	6.0 5.	58.4 68.4	75.2 75.2	77.6 77.6	87.8 87.8	99.7 89.7	92.4 92.5	94.9 95.1		97.3	98.1 98.2	98.2	98.7	99.1	99.6	99.9
> 100 2 0	€ • ·	68.4 68.4	75.2	77.6	87.8 87.8	89.7 89.7	92.5 92.5	95.1	95.8	97.4	98.2		98.8	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

...931

USAF ETAC THE D-14-5 (OL A) MENOUS SOTTONS OF THIS FORM ARE OSSOLE



CLOPAL CLIMATCLOSM BYANCH USAFETAC ATT WESTERS SERVICESMAC

CEILING VERSUS VISIBILITY

PREPRY AFR AL

73-27

MONTH.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

A L L

CEILING					_		V15	BILITY ST	ATUTE MIL	£ 5						
' FEET 	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 7	≥ ?	≥1%	≥1.	≥1	≥ ≒4	5 ,•	≥ ,	≥5 16	≥ .	≥0
NO 1 EUNG	7 . 14	15.9 15.8	1 ~ · 3 1 · · 1	1 · 3 1 · 2	1 . 4 26 . 7		7 . 7	15.4 16.3	15.0 16.7	15.4	15.4 16.3	15.4	15.4 16.3		15.4 16.3	15.4 16.3
≥ 18000 ≥ 16000		14.3 16.6	17.	16.7 17.0	15.5	16.9 17.1	15.7 17.7	16.9	16.9 17.2	16.9 17.2	16.9 17.2	16.9 17.2	16.9 17.2		16.9 17.2	16.9 17.2
≥ 14000 ≥ 12000		16.9 17.0	17.7 17.4	17.3 17.5	17.6	17.4 17.6	17.8	17.5 17.6	17.5 17.6	17.5 17.6	17.5 17.6	17.5 17.6	17.5 17.6	17.5 17.6	17.5 17.6	17.5 17.6
± 10000 ≥ 9000	€ 5•	17.4	1 .8 17.9	17.8 17.9	13.0 18.1	18•ព 18•1	18.0	19.0	1°•1	18.1	18.0 18.1	18.0 18.1	18.7 18.1		18.7 18.1	18.0 18.1
≥ 8000 ≥ 7000	. 6	18.0	17.	19.	19.7	19.2	19.2 27.7	20.3	19.2	19.2	19.2	19.2	19.2 20.3	19.2 20.3	19.2 20.3	
≥ 6000 ≥ 5000	. 7	1.5	21.4	70.4 22.1	20.€ 22.0	20.6 22.2	2 • 6 22 • 3	2 → 7 22•3	27.7	20.7 22.3	22.3	73.7 72.3	20.7		27.7 27.4	
> 4500 : 4000		73.6	24.0 33.0	`4 • 4. ?? • 7	24.7	24.8 34.2	34 • ₹	24.6 34.4	24 • 8 34 • 4	24.9 34.4	24.0 34.4	24.9 34.4	24.9 34.4		24.9 34.5	
2 3500 2 3000	11.	7 • 1 4 7 • 2	4 • 1 45•6	47.4	41.4 48.6	41.5 43.6	41.6 48.9		41.7	41.7 49.1	41.7	49.2	41.8	41.8	41.8 49.2	49.2
≥ 2500 ≥ 2000	12.7	7.6	57.7 61.0	51.4	56.3 66.1	56.4 06.2	65.7		57. 67.2	57.1 67.5	57.2 67.6	57.2 67.6	57.3 67.7	67.7	67.8	67.8
± 1800 ± 1500	14.7	55.6 62.9		7 .2	67.7 74.3	67.8 "4.6	75.4	76.1	76.4	76.€	69.3 77.0	77.0	77.2	77.2	77.3	77.3
₹ 1200 ≥ 1000	14.7	65.4 66.7	71.4	73.9 76.6		79.3	84.4	91.3 95.7	86.1	86.8	82.4 87.3	82.4 87.4	87.6 87.6	87.7	87.8	27.9
≥ 800 ÷ 900	14.7	67.2 57.3	74. 75.1	77.0 78.1	83.7 84.7	93.7	87.7	86.4	86.8	87.6	88.1 90.6	88.7 90.7	91.1	91.3	91.5	91.5
≥ 700 ≥ 600	15.0	68 • 2	75.4 75.7	78.6 79.0	85.5 86.2	96.3	88.8	9:.7	90.3	91.5 92.6	92.3 93.4	93.6	92.0	94.5	94.8	94.9
≥ 500 ≥ 400	15.7	68.3	76.0	79.4	87.1	38.3	90.6		93.9		95.5 96.5	95.6	97.6	98.1	98.6	97.6
≥ 300 ≥ 200	15.	68.3	76.1 76.1	79.5 79.5	87.1	88.3 88.4	9 .8	93.1	94.0	95.5 95.6	96.8	97.2	98.3	98.9	99.4	
≥ 100	15.0 15.5	68.4 68.4		79.5 79.5		28.4 28.4	- 1	93.2	94.1	95.7 95.7	97.0 97.0	97.2 97.2		99.0		100.0

TOTAL NUMBER OF OBSERVATIONS.....

744

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORDIGE

LEFFAL CLIMATHLOGY PRANCH UPAMETAC ASS ASATHER SERVICEMMAC

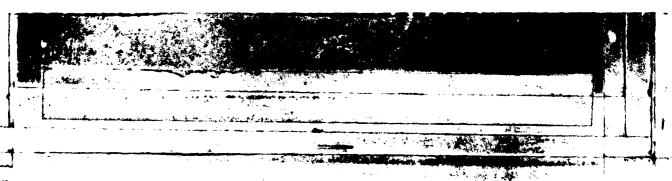
CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	•						V15	BILITY ST	ATUTE MIL	E S						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥ ?	≥1 ;	≥1.	≥1	≥ •	≥ ′•	≥ ,	≥ 5 16	2.	≥0
NO CEILING 2 20000	•	12.7	1 .0	13.5 14.	17.1	13.1	13.1	13.1	17.01	1 7 • 1 14 • 2	13.1	13.1	13.1 14.2	13.1 14.2	13.1	13.1
≥ 18000 ≥ 3000	5	14.5 14.0	14.7	14.8 14.9	14.0 15.5	14.9	14.7	1 E • 1	14.0 15.1	14.9 15.1	14.9	14.9	15.7 15.1	15.0 15.1	15.1	15.0 15.2
≥ 14000 ≥ 12000	7.1	14.3 15.1	15.3	15.4	15.2 15.5	15.3 15.5	15.6		15.3	15.3 15.6	15.3 15.6	15.3 15.6	15.3 15.6	15.3 15.6	15.4 15.6	15.4
≥ 19000 ≥ 9000		15.7	15.9	16 - 11		16.1			16.2	16.2 16.3	16.3	16.3	16.7	16.2 16.4	16.2 16.4	16.2 16.4
≥ 8000 ≥ 2000	• 1	19.7	17.4	17.5		17.6	19.3	17.7	17.7	17.7 19.3	17.7	17.7	17.7	17.8 19.4	17.8	17.8
± 6000 ± 5000		7 . 1	21.	17.5	21.3	19.7	21.4		19.8 21.4	19.8 21.4	19.8 21.5	19.8	19.8 21.5	19.8 21.5	21.5	19.9
4500 4000	12.7	? L . 2	20.8	72.6 79.1	27.4	29.4	27.5	77.C	23.0 20.6	27.E	23.0	23.0 22.6	23.0	29.7	23.1 29.7	23.1 29.7
2 1500 2 1000 	1 . 4	73.5 38.2	30.4	34 • 8 7.6 • 9		75.3 40.6	35.4 47.8	35.5 40.9		35.6	35.6 41.	35.6 41.0	35.7	35.7 41.1	35.7 41.1	35.7 41.2
250C 2000	10.3	43.5	4 • 2 5?•	45.8 52.9		46.8 =4.4	54.9	47.2 55.0	47.3 55.1	47.4 55.3	47.5 55.4	47.5 55.4	47.6 55.5	47.6 55.6	47.6 55.6	47.6 55.7
1500 2 1500	1.3	5 . 5	5.7.5 57.5	53.9 58.8	6 . 7	55.4 60.9	61.5		56.2 62.1	56.4 62.4	56.5 62.6	56.5 62.6	56.6 62.8	56.7 62.8	56.8 62.9	
÷ 1200 ≥ 1000	22.5	57.4 50.6	63.	62.4	68.3	65.0 68.5	60.6			71.C	67.1	67.2	67.3 71.7	71.8	71.9	
2 900 2 800	22.7	61.	65.4	67.5		69.3 71.2	72.5	73.4		74.3	72.3	72.4 74.8	72.7 75.1	72.8 75.3		75.5
2 700 2 600	23.3	62.0 42.7	67.6		74.0	73.7 74.5		77.4	77.8	78.6	77.1	77.1		80.0	87.3	
± 500 ± 400	23.7	53.8	69.9	71.7		77.0 78.8	81.5	80.9 83.5		85.7	83.3	83.4 87.1	84.1		89.1	85.0
2 200	23.5	64.7	70.4	73.3 73.5	79.1	79.7	83.1	85.2 85.7		88.9	91.1	91.5	91.5			94.3
100	23.1 23.5	64.7 64.7	70.4	73.5 73.5	, , , , ,	80.0 90.0			86.9 86.9	89.0	91.3 91.3	91.7 91.7	93.8			99.5 100.0

TOTAL NUMBER OF OBSERVATIONS

AF ETAC HILL G-14-5 (OL A) MENIOUS SOLITORS OF THIS FORM ARE CHECKET



U 3 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

TOTAL SKY GOVER

FOR AIRMAYS STATIONS AIR STREETS OF CLEAR, SCATTERED, BRCKET, CVERGAST, & ORSSURED WERE USED AS INPUT FOR THE TOTAL SKY SOVER.

CLEAR WAS CONVERTED TO 0/10
SCATTERED WAS CONVERTED TO 3/10
BROKER WAS CONVERTED TO 9/10
CVSACACT WAS CONVERTED TO 10/10
CMSCURED WAS CONVERTED TO 10/10

BI FAL CLIMATOLOGY CVARCH LOGERTO AT NIGHT - COULDINABE **SKY COVER**

STATION STATION NAME

PERIOD

HINOM

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	FREQUENC	CY OF TENT	HS OF TOTAL	L SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
J	<u>-</u> :				10.0			<u> </u>	ļ,		30.6	51.2	2.3	<u> </u>
	-			 	10.4						1-1-1	53.5	€ . 6	9.7
				ļ	34.7						79.€	54.0	ε.6	931
	1.7	•			A						9.00	52.5	° • 6	93
	<u>: </u>				11.7			ļ			15.01	48	8.8	95.7
	-:-			<u> </u>	11.7						30.	49.7	2.8	921
	<u>-</u> ;										36.5	53.4	8.9	93:
	27			ļ	10.1						21.1	54.5	3.7	936
								ļ						
				}					ļ					
				_	ļ			<u> </u>	ļ			ļ		
									 				<u> </u>	
701	TALS				13.8]]		1	33.6	52.2	8.7	743

USAPETAC ALL 44 0-9-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSIGNETE.

FF AL CERMITHERS RIVING ACARCHING ACARCHING ACART AT LA SERVIC MICAC

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	CY OF TENT	HS OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
7.5	:-		· 		15.0		ļ. 		 		25.7	57.5	P.6	84
	_				17.4				 		12.7	51.7	2.4	64
		1.4			17.0	<u> </u>					2.4	2.2ن	9.€	84
]	<u> </u>	·		1:07				<u> </u>		4:02	47.3	8.7	84
	1 - 10				1 , , ,				<u> </u>		13.1	<u>47•</u> 1	9.7	84
	- ; ,	•			ععتنا						39.0	48.9	2.8	84
		-5							<u> </u>		51.6	51.8	9.1	84
	23				11.8						34.0	53.7	8.8	84
						ļ	-				ļ			
				<u> </u>							ļ			
				 	-						 			
) 										
101	TALS	لفعيا			12.4		<u> </u>	ئمير	<u></u>		36.5	50-4	8.7	676

TI MAE CERSATTLEOGY LAMON COTTO CO

SKY COVER

TALION STATE OF THE STATE OF TH

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	FREQUEN	CY OF TENT	HS OF TOTAL	SKY COVER	!			MEAN	TOTAL
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO. OF OBS,
м.		···			.,.		ļ				-3.4	45.5	8.1	93
				<u> </u>	2 . "		ļ		ļ	ļ	19.7	48.2	8.i.	93
·—	-:			ļ	,			ļ		ļ	2 • 6	48.5	8.2	93
				ļ	1 . 3		ļ		ļ	ļ	79.9	44.5	7.5	92
	1 - 1-	•		ļ	34.		ļ	ļ <u>.</u>		.,	47.0	44.9	9.6	93
	- 1 -				10.5			<u> </u>	ļ	ļ	38∙5	46.8	8.6	93
					12.5			ļ		ļ	39.4	47.6	8.7	92
	1-22	<u>.</u>		ļ	10.7					 	30.n	45.7	9.4	93
				 	 			 	 	ļ	 			·
			·	 	 			 	}	 -	<u> </u>	 		<u> </u>
								 		 				
101	ALS	- 3			16.6		<u> </u>	<u> </u>	<u> </u>	1 .5	36.1	46.6	8.4	7931

USAFETAC AA 4 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

ELITAL CIOMATOLOCY DIANCH PRAFETAC AT AFATOR SERVICEZADO

SKY COVER

T FIR CONTROL STATION STATION

· ----- APK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGI	E FREQUENC	CY OF TENT	HS OF TOTAL	L SKY COVER				MEAN	TOTAL
MONIH	(L.S.T.)	0	ı	2	3	4	5	6	7	В	9	10	TENTHS OF SKY COVER	NO. OF OBS.
4.7	1 - 0	<u></u>	 	ļ	4						26.7	57.1	° • 5	9.
	.=01	1.			1.9						7.9	67.6	2.9	90
		• 7			• -						71.6	59.9	9.1	90
	5- <u>11</u>				?						35.0	53.7	0.9	89
	1 10				1 . 7						34.6	55.1	P.9	80
	-;-	_			24.0						72.5	54.5	2.8	89
·	. ~ 2				11.0						35.1	52.6	8.9	9.7
	1-23	į fi			11.6						33.1	54.6	8.8	90
<u>-</u>											 			
			<u> </u>											
		_												
701	ALS	7			21.0						32.3	56.C	8.8	719

USAPETAC FORM 8-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GT DAL CLEMATREORY STANCH LITTLE TIC AT -TATES STAVIO ZEAC

SKY COVER

- · · · · · · · · · · · · · · · · · · ·	SIZ TAN AFR NK	
STATION		SMAN MOITATE

PERIOD

JUN:

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUEN	CY OF TENT	HS OF TOTAL	L SKY COVER	!			MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	O85.
J 99.	-03				7.00						7.6	89.2	9.7	975
	- "	• "			`.,						4.4	57.1	3.6	911
	_				1 . 1.						9.4	6 9. 9	9.8	893
	. = 1,1				7.1.							ε 7.5	9.7	899
	i - i	• :			. 7						16.7	8n.6	9.6	976
	: -1-				4.0			<u> </u>			16.5	76.6	9.5	808
	- ,:				, ,						26.6	79.3	9.5	899
	i = 2 ;				7.7		ļ	ļ			12.2	84.4	c.6	899
							ļ			<u> </u>	 			L
							ļ	ļ	}	<u> </u>	<u> </u>	ļ		
ļ }								ļ		ļ				
														<u> </u>
101	TALS	•			3.n						11.8	85.1	0.7	719

USAPETAC ALL M 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLERAL CLIMETHOLOGY SAMOR USFFETAC FILL AFFE SIMPLO ZOAC

SKY COVER

STATION DESCRIPTION

JIIL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUEN	CY OF TENT	HS OF TOTA	L SKY COVER	•			MEAN TENTHS OF	TOTAL NO OF
MONIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
JUL	-										r.6	92.	;	5.3
	_	• 4			3.6					ļ	7.7	1.4 . €	3.0	ç٦
	-	• :			: • n						1.6	91.5	g e	62
	2-11			,	• (1.2	£7.5	0.0	92
	1 19				1.7						r., a	82.4	7.8	93
	1 - 1 -				2 • 4						10.5	79.1	^.6	92
	· - ?				• 7						13.2	83.7	5.5	93
	1-27	• :	· · · · · · · · · · · · · · · · · · ·		٠.٠			<u> </u>			9.7	58.0	9.8	93
								}	<u> </u>					
								 	<u> </u>					
101	ALS				1.9						19.5	87.5	0.8	743

USAPETAC PORM 9-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE.

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SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUEN	CY OF TENTI	HS OF TOTAL	L SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONIA	il S.T.	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
:	~			•	• '						4.9	39.9	0.5	93
		: •	•	: • • • • • • • • • • • • • • • • • • •	• •				<u> </u>		7.7	91.8	5 • €	928
		•	· •	\ •	· · ·						7.0	P 5. 3	9.6	978
	· 	.	! 	·	·						:1.5	£5•1	~ 7	928
	: 		•	 	•	ļ 	ļ			<u> </u>	15.3	79.2	7.6	929
		.	+	i ∔		ļ 		ļ	ļ		12.5	75.9	0.4	929
		•		! ↓						ļ	19.5	76.1	3.5	93
	<u>- · </u>	· •	· · · · · · · · · · · · · · · · · · ·	 	; , t.		ļ	<u> </u>			13.3	12.C	7.5	93
	· •	· •	; ↓				ļ	ļ			 			
	<u> </u>		i 		ļ				ļ	<u> </u>	<u> </u>			
		ļ						<u> </u>	ļ					
101	TALS	•			4.7						12.2	83.2	℃.6	7432

USAFETAC JUL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE.

STORE CONSTRUCT FRANCH UNITETAC A CITY NO SCRITTING **SKY COVER**

STATION STATION

5.F.F MON

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	FREQUEN	CY OF TENT	HS OF TOTAL	L SKY COVER	!			MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	O85.
*:		· ·			7.7						71.2	58.5	P.3	8 9
	-] / p						.7.9	59.0	5.2	911
	-				17.4						7.4	58.3	0.4	89
	- :	, t			10.0			<u></u>		<u> </u>	55.7	57.8) • •	89
	ì -	1			1 . 3						77.6	49.1	9.7	89
	- ; 7	,			1 - •						34.6	49.8	8.5	971
	_ ~				10.3						34.2	49.2	B • 5	9.7
		1			14.5					ļ	75.9	58.2	5.6	90
				ļ	ļ '		<u>.</u>	ļ		ļ		ļ		
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								ļ	ļ Ļ		<u> </u>			
101	ALS	1			15.7						37.1	54.2	9.5	719

USAFETAC PORM NL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GUATAL CLIMATOLOGY ORANCH TO AFETAC ATTOLISATION STOVIC VIAC

SKY COVER

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STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTA	L SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
2.1	-	٠.			21.0						26.5	51.0	8.1	93
					16.						27.9	56.5	2.7	93
	_				7			ļ	<u> </u>		. 12.07	51.5	8.2	93
					٠, •					ļ	87.5	41.2	P . 4	93.
	: - !				<u> </u>						17.4	38.6	P.3	93.
ļ	-:-				<u> </u>			ļ			1,7.9	39.9	я . 4	931
					1			_			30.6	44.1	° • 5	93
<u> </u>	(- g ·	•			<u> </u>						29.7	49.0	8.7	93
									ļ			ļ		
<u></u>										ļ				
											-			
			<u>-</u> -					-	ļ				4-7	
101	TALS	• 0			34.2		<u> </u>	1	<u> </u>		34.5	46.6	8.3	744

USAFETAC JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GITTAL CLIMATELESY ESANCH USATETIC ATT +TOTE STEVIC ZTAC

SKY COVER

STATION STATION

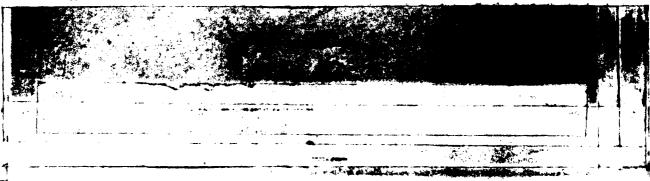
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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUEN	CY OF TENT	HS OF TOTAL	L SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	,	8	9	10	SKY COVER	OBS.
NOV		•			11.1		<u> </u>				71.0	46.4	F • 1	915
	_				23.0						31.6	44.9	5 - "1	9~)
	_				77.0						31.7	45.1	2 . "	899
	-	• 7			14.5						47.7	41.7	₽.5	901
	1 - 1.0				; = .					ļ	47.8	42.2	2.5	809
	- 1 -	• -									91.9	44.7	3.6	897
	-:				· // - 5			ļ	ļ		40.6	44.9	3.6	897
	-3.									ļ	7 <u>8</u>	50.4	2.4	897
				-	-		ļ	ļ			<u> </u>		 	
ļ	ļ			-				ļ	<u> </u>		 	ļ	 	<u> </u>
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101	TALS	• 13		L	17.9					<u> </u>	36.7	45.	8.3	7189

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLITAL CLIMATOLOGY THANCH USAFETAC ATTAINS STOWN, ZEAC

SKY COVER

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STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUEN	CY OF TENT	HS OF TOTA	L SKY COVER				MEAN TENTHS OF	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO. OF OBS.
D < C					. i. • •						27.7	54.6	8.4	93
	_				7.				<u> </u>		27.7	54.3	c • tt	97
	-	• •			15.7						23.9	54.1	R . 5	9?
	_ ,	• -		ļ	1.00			ļ			-3.4	46.6	° •6	97
	1 - 1/2			ļ	7.					ļ	44.6	45.6	9.9	92
	· , ·				· • •		ļ	ļ			4%•2	48.€	6.9	93
	_ `		- 1,-						ļ	-	39.4	5י-1	R ■ 9	93
	1-03	•			14.7		ļ	 	 	ļ	71.8	53.3	9.6	93
				<u> </u>					ļ	<u> </u>	 			
				ļ				<u> </u>	ļ		ļ			
									-	ļ	ļ			
							ļ	 						
101	TALS	• 11			13.6		<u> </u>	<u></u> _			35.2	50.8	8.7	743

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GT TAE CETSATHENCY FANCH UTAFCTAC ATT FLATH # SETVICEZMAC

SKY COVER

South SHOWA ATT AN

STATION NAME

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ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	FREQUEN	CY OF TENT	HS OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
36.	1. L				13.0		ļ				33.6	52.?	۷.7	7438
- e :					12.					ļ	36.5	5 . 4	0.7	6765
0.7					1 4 • (36.1	46.5	8.4	7438
f D					.1.0						77.3	56."	8.8	7197
v,v				<u> </u>	4.1						1.2.2	72.6	0.4	7440
راس.					;.^						11.8	85.1	٥.7	719
JEL					1.0						15	37.5	e • 8	7437
ATT					12 7						12.2	8 3. 2	9.6	7432
7 i P		1."			17.7		ļ				79.1	54.2	9.5	7192
oct		• "			19.7						34.5	46.6	8.3	7440
N O V		• ii			17.0	·					36.7	45.7	8.3	7189
Dr.C					13.6						35.2	50.8	8.7	7439
101	ALS				.1.7						27.6	60.9	8.9	87670

USAPETAC AL 44 G-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

- Cumulative percentage frequency of occurrence derived from daily observations and presented by month
 and annual for all years combined. These tabulations provide the cumulative percentage frequency to
 tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and
 total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

MOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from bourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Walues for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

 This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2) , sums of values (ΣX) , means (X), and standard deviations (σX) . The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dev-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.
 - MOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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STATION 14 STATION NAME
STATION NAME

DAILY TEMPERATURES

ME 13-54 \$ 52-83 YEARS
CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

. MAXIMUM

TEMP (*F)		JAN	FEB	MAR	APR	MAY	JUN	JUL.	AUG.	ŞEP.	OCT.	NOV.	DEC.	ANNUAL
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	5 🚚							<u></u>	13.6	5.1			i	
	-						• 4	3/.2.	80.4	66.1	Z. 1		ļ .	16.
í.	_					4	40.3	37.1	196.0	59.4	58.7	4.9	4	34.4
		4.6	4.0	. رو 3	22.9	79.4				1.00	25.E	45.9	11.7	55.9
				57.3.	2.6	വര് പ	120.0		_				62.8	
	-	4.8	26 6	94.6							150.0		95.4	
-	. •	19.3	Spirit E			1 29 -							95.9	
	-		11		* • ···	!							0.5	
	-	n • 2.		رقت € تمامید.	•	•					·			- 4-3-4-6-4
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	*										 			
MEAN		34.0	33.3	34.1	37.7	41.	44.7	48.9	5-1.6	55	45.1	39.0	35.4	41.
5 D	+			3.105	7 - 382									7.32
TOTAL OBS.	- #	1.95	989		1 372	1085	1059				1116	30073	1084	12879

USAPETAC FORM 0-21-5 (OL A)servous somons or this form ARE OSSOUTH

ELISAL CLIMATOLOGY PHANCH
EMPETY.

AT FATHER SERVICE/MAC
THEM HEMYA AFP AK
STATION STATION NAME

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MINIMUM

	TEMP (*F)	JAN	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥						-			8.	3.3				1.0
≥	4 .	•	•	•		•	10.00	7€		61.1	(.7			16.4
≥	•	•	•			2.	53.	~7.6	79.8	94.6	42.4	4.0	٠٤	33.2
≥		•	4' "• 1	F . 3	27.1	71.0	98.4	1 (. ^	1 70.0	79.7	83.8	36 . 1	12.9	53.8
≥		•	· 14.,	1.1	50.3	61.2	00.5			1.00.0	03.8	57.3	26.9	65.1
≥	•		7 4 • 1	53.5	82.6	98.4	29.8			, 	າຄ.7	80.6	54.3	79.9
≥	- · ·	7 ^ •			ាខ • 5	1 (.	100.0				179.0	77.5		Q 4 • ∂
≥		υ.			<u> </u>							79.6	97.6	98.8
≥		, 3.5 €										מ•פרי		99.8
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<u>≥</u> -	•	-	+	+		 					 			
2	MEAN	7	27.3	79.	32.1	35.6	39.5	43.9	46.8	94.8	38.6	32.9	29.7	35.8
	S D		4 4 407		3.025	2.200	2.305	2.159	2.173		4.006			7.420
	TOTAL OBS	1 -			1 15 0	1085	1059	1005		1379		1079	1084	12879

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USAFETAC FORM 0-21-5 (OL A)REVIOUS ESITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

THE STATE OF THE STATE AND STATE OF THE STAT

93-59 + 52-93 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MEAN

TEMP (*F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.	ост.	NOV.	DEC.	ANNUAL
				,			• 1	شمد .	4		•		
-						1 2	1 - 1	46.9	. 75.1	4	1		7.
,	•	•	'	•		12.9	83.7	99.4				,	25.
7, 4	•	٠ , .	-	•				,			,	. – . – –	
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? .	. 23.7	. 16. s.	27.4	64.4	96.7	1 2 - 4				78.9	68.7	33.4	69.1
7	0.7.0	. 65.9	78.3	28	1 10-			!		100.0	95.5	81-1	9.
a e '	5.5			100.0		•						97.8	93.
, ,								· · ·					
•	9.5	. 99±8.	_ °9_•2	•		.			<u> </u>	<u> </u>	بالمعالنت	29.7.	
		تناهد كالأرا	101.42						•	l ∔		100.0	1220-1
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MEAN		-		7.5	70 -	92.3	46.6	49.4	47.9	42.1	36.1	32.8	7.0
S.D.	71.5	3.785	32.1	35.1	38.5	2.117	2 20 6	2 010	2 775	7 222	7 62"	32.8	38.4
	307 6	30122					60246	40019					7.09
TOTAL OBS.	1085	989	1584	1350	1085	1059	1085	1384	1079	1116	1079	1084	12879

HEARTAC FORM A 21 5 (OL Abraham market or the second

GLIFAL CLIMATICLOBY BRANCH USAFETAC ATO AFATHE SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

STATION STATION NAME

. 5:-83

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SHOLD DEGREES PAHERNHETT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP.	ост.	NOV.	DEC.	ALL MONTHS
11.5						· • • 7	59	٤	5.7	54	46	3.8	
14	7.7	79	41	44	45		5.7		5.6	52	48	39	* 67
4 -) *	7.8	3.7	47	44	44	6.3	5.4	5.3	48	46	43	63
4	:1.		7.0	4.4.	44	43	5 4	56	5.5	1'9		42	56
4,	. !	41	* 7	40	44	47	5 /	5.2	51	49	45	41	57
. A		38	47	<u>'12</u>	4 7		<u> 54,</u>	5.8	- 55	48	43	* 4:	58
41	7)	3.9	7.01	41	4.5	48	F	5 5		51	47	40	55 57
	4 1	49	37	41	44		5.4	5.7	56	49	44	46	
r - "	4.5	₹ अं	- 0	4 2	u 5	4.3	5.3	5.6	3.7	51	43	42	58
	17	36	30	41	46	111	5.8	5.6	5.3	51	44	43	58
	3.4	34	30	41	4.2	5	5.7	5.6	5.2	5 3	44	37	57
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5	4 1	<u>7q</u>	4 1	4.3	46	5.3	5.7	5 3	5.5	53	46	- 38	58
	7	₹₽	76	4 2	44	11/2	5.7	54	5.3	48	44	41.	57
4	1	7.9	لبر ا	43	46	54	5.4	5.4	5.3	51	45	41	54
	1: 1	7.9	4.2	43	44	F.1	5.5	5.5	5.3	52	47	11	54 55 59
. 11	- 1	3.8	4.0	4 1	4.5	49	50	5.9	51	47	47	42	59
		1)	70	42	46	·d	5.5	5.3	51	49	45	43	55
16	40	4	7.9	4.1	4.5	Ε,	54	56	5.5	51	47	42	55 56
6;	11	- 9	39	70	48	5.1	5.4	F 9	55	40	43	44	59
6	4	- 0	41	4 1	47	49	60	5 6	5.8	51	41	42	67
ε,	3.4	4.	47	41	44	48	6.0	58	56	49	47	78	60
7 -	3.	78	38	40	4.5	- 1	52	59	55	50	46	42	59
71	3.1	38	39	40	44	48	50	52	51	47	46	8.2	52
-	3 -	41	41	41	48	5	59	60	55	48	42	40	52 60
77	34	39	38	40	11 14		55	5.4	52	51	47	42	55
74	4	42	42	42	46	52	54	54	54	51	45	40	55 54
75		37	37	4	42	50	F 1	58	56	52	45	41	5.8
76	- 4d	39	38	41	45	1	5.2	5 3	53	49	44	40	53
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POTAL COS.				·									

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF STAC MEN 0-00-5 (OSA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GERFAL CLIMATOLOGY PRANCH USAFSTAC ATH *EATHER SERVICEZMAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

STATION STATE A A ET A A STATE

-74. 50-87

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
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<u> 7</u>	- 34.	3.7.		43	4.6	99	59	5.5	54	51	46	"1]	5
7.7		3.9	7.0	4.2	43	4 ->	5.3	5.9	5,2	48	43		5
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	- !	14	41	44	4.7	54	55	56	54	48	46	42	5
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MEAN	39.	38.6	39.2	41.3	44.9	49.5	°5.1	56.4	54.3	5.:.1	44.9	41.4	57.2
\$. D.	2.17	1.852	1.497	1.162	1.413		3.237		2.169		1.697	2.278	2.763
OTAL 085.	1083	989	1 84	1 35 Q	1085	1059	1085	1084	1379	1116	1079	1084	12879

NOTES * (PASED ON LESS THAN FULL MONTHS)

USAF STAC PORT GASA (OFA)

AT LEAST ONE DAY LESS THAN 24 OBSI

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GEREAL CEIMATOLOGY BRANCH HOAFETAG ATH WEATHIN STOVICEZHAC

EXTREME VALUES

MINIMUM TEMPERATURE

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(FROM DAILY OBSERVATIONS)

WHOL BUSKEES FAHRENHEIT

MONTH YEAR	JAN	FEB.	MAR	APR	MAY	JUN.	JUL	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
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4.1	3.9	37,	25	31	33	34	44	44	4		25	÷ 25	27
4.3		24	25	· E1	₹4	36	4 1	443	. 47	34	25	18	18
		2.7.		26	7.1	764	41	46		. 35	24	211	20
· ·		?.3	24	77	7.2	7 (79	4	4.2	37	29	>5∦	2.2
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7.7	24	72	22	7.5	34	7.7	39	42	42	33	27	9	19
7.5	24	`1	23	3.4	_ ? 3	₹8	tı Z	44	37	28	?2	23	21
43	- 1	``1	? 3	?5	33	75	71	38	40	33	30	?6	21
. 4	14	1.8	23	27	78	7.6	39	4.2	37	71	22	24	16
7.6		25	2.3	?8	34	75	42	4 4	39	7.1	24	23	2*
06	: 4	1.7	19	23	7.1	. 73	37	42	3.8	30	26	?l	17
6 7	• 7	: 7	2	26	72	39	41	44	34	29	27	23	1.7
6-	7.3	21	21	25	3.7	₹6	4	4 1	35	26	23	21	21
6	1	1	2.2	2.3	71	36	42	45	38	33	18	18	19
71.	1 1	1 4	12	27	33	36	4	40	33	30	29	15	12
71	17		11	76	2.3	27	4	41	36	30	16	15	7
7-	2.7	16	17	29	25	*9	43	ti ti	35	34	15	18	15
73	1	16	21	21	28	39	36	43	41	29	30	24	10
74	2.0	24	23	26	28	35	44	4.5	43	31	29	10	10
75	4	12	1.6	22	?1	29	39	46	38	31	26	11	q
76	: 1	15	17	18	27	77	41	42	35	30	25	7	7
MEAN							الكسيد الله الد						
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POTAL OBS.													

NOT'S * (BASED ON LESS THAN FULL MONTHS)

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(AT LEAST ONE DAY LESS THAN 24 OBS)

CLOSAL CLIMATOLOGY SHANCH USAS TAC ATH WEATH SECURCLYSAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DARY OBSERVATIONS

STATION STATION NAME

13-54, 5 -E

WHOLE PERREET EMP ERHEIT

MONTH YEAR	JAN	FEB	MAR	APR .	MAY	NUL	JUL	AUG	SEP	ост	NOV	DEC	ALL MONTHS
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MEAN	:0.8	17.0	20.0	25.8	7.8	35.0	40.4	43.0	₹8.4	31.1	24.6	37.2	16.
5 D	4.271	4 . 4 . 6	3.534	3.182	495	2.640	2.047			2.463		4.723	4.69
TOTAL OSS.	1 83	989	1 :84	1.350	1085	1659	1 G P 5	1084	1079	1116	1079	1084	1287

USAF ETAC MIN GOSS (OLA)

CAT LATE ONE DAY LESS THAN 24 OBS

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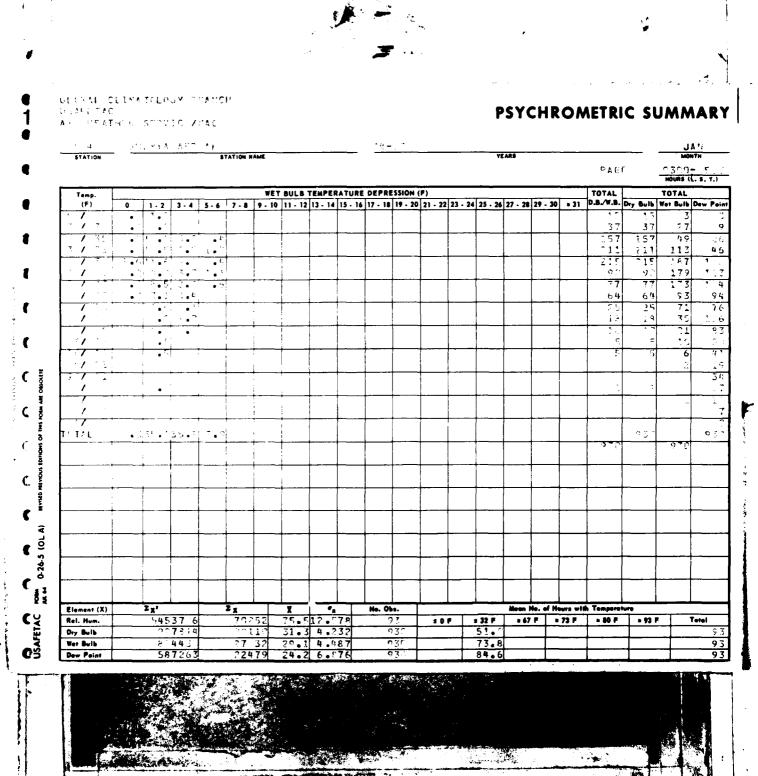
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4/5 AD A146 917 SHEMYA AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS...(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 84 UNCLASSIFIED USAFFIAC/DS-84/018 SBI AD-E850 740 F/G 4/2 ΝL Franker Franker Franker Franker cate 1 contact 1 contact N - 1

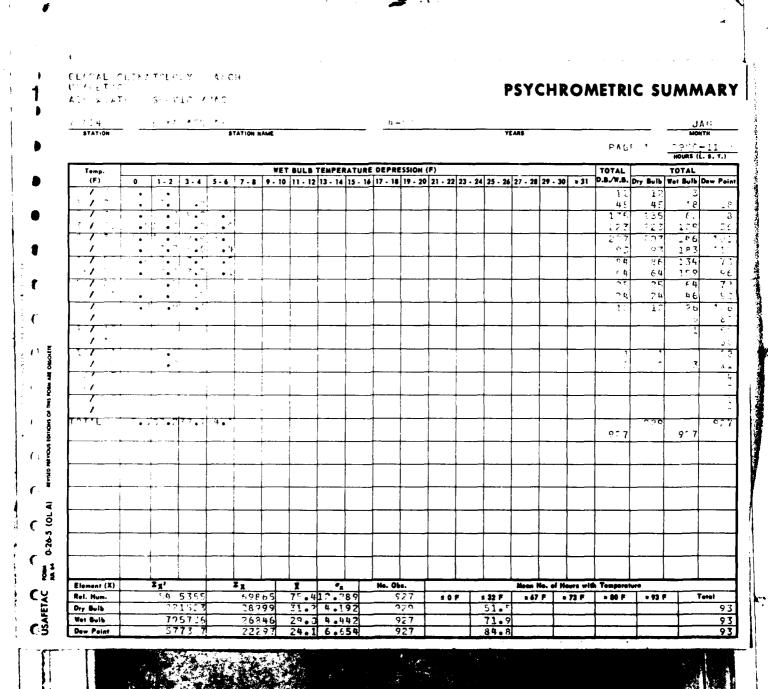
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ELECAL CETHATTLEGY FEANCH UNAFETAC **PSYCHROMETRIC SUMMARY** Ale what is Steving 7540 WET BULB TEMPERATURE DEPRESSION (F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 =31 100 175 95 7.8 23 1: 98 7. TAL 0-26-5 (OL A) Rel. Hum. Dry Bulb 51.0 71.3



GIERAL CLIPATOLOGY ERANCH UTATETAC **PSYCHROMETRIC SUMMARY** DAIN VEATH & SHEVER MAG WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 154 195 120 134 93 Rel. Hum. 31.3 4.143 29.0 4.463 24.1 6.737 Dry Bulb 26 85 22436 Wer Bulb Dow Point

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GL PAL CEARA TOLOGY REARCH UNITED TO PSYCHROMETRIC SUMMARY And printed committee into WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 53 1 - 1 161 1.25 152 F- 1 29 112 41 23, IC TAL Element (X) Rel. Hum.

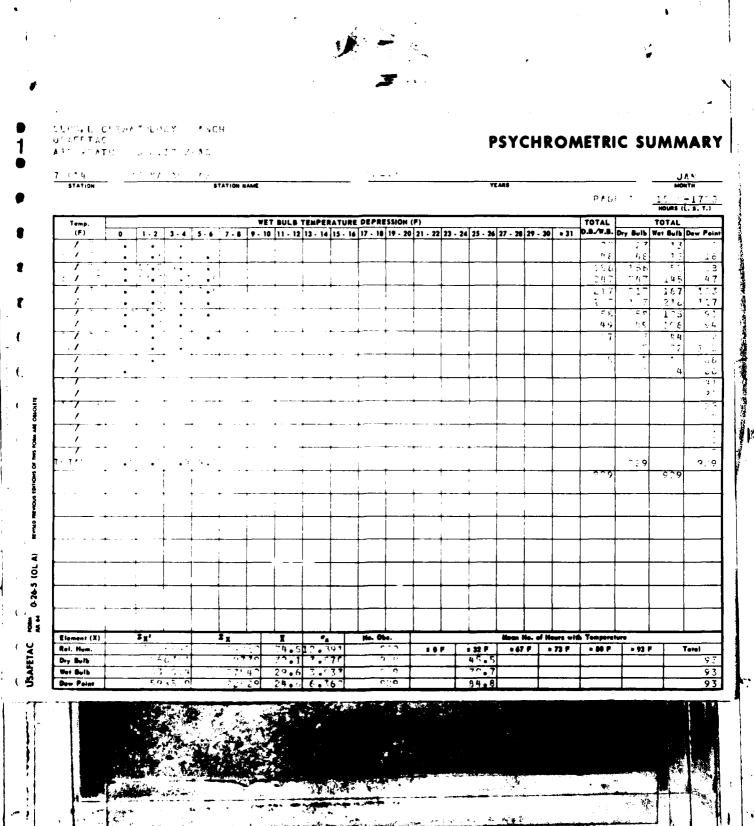
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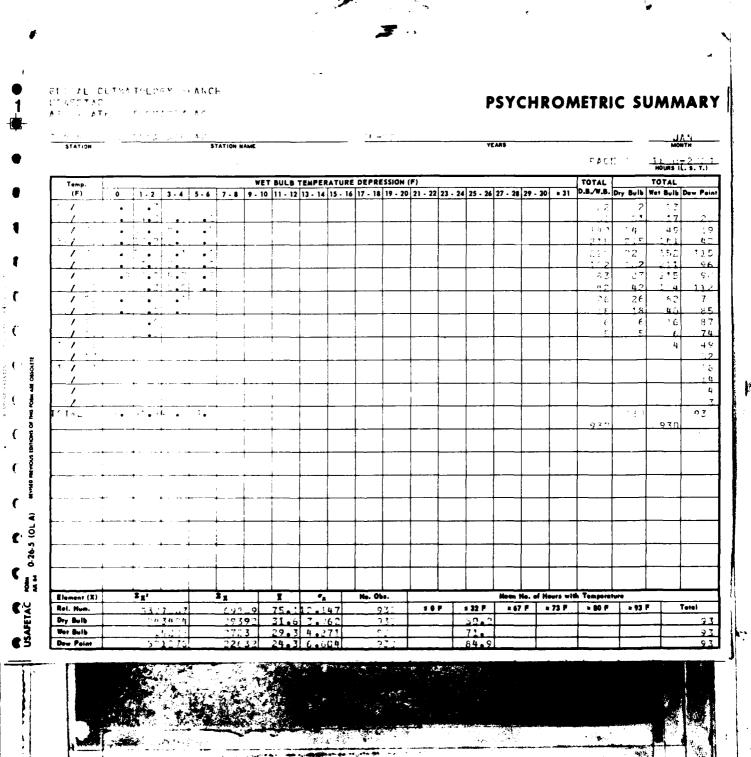
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SAFETAC

Dry Bulb

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GLOBAL CLIVARIOLOGY C ANGEL L'AFETAG Al REATH L SHIVER ANGEL

PSYCHROMETRIC SUMMARY

																	_			HOURS	L. S. T.)
Temp.										E DEPR								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 1	6 17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	a 31	D.B./W.B.			
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Dry Bulb			3.12		292	44	31.4	4.	89		13			51.4		\neg			1		93
Wet Bulb			66°3		77:	69	29.1	b."	95		1-3			71.7					1		93
Dow Point		3.3	5976	Γ	224	74	24.2	6.7	47	-	20			84.8		_		1		\neg	93

SAFETAC NOW 0.26-5 (OLA) serves remous semons or ne

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PSYCHROMETRIC SUMMARY

D.B. W.B. Dry Bulb WET BULB TEMPERATURE DEPRESSION (F) WEI BULB TEMPERATURE VERNESSING 17.

0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 95? : 95 1.206 15-4 717 189 754 421 754 7434 +47 F = 73 F = 80 F + 93 F Rel. Hum. s 32 F 744 Dry Bulb 7437 401 7499937

USAFETAC TOTAL COLOR COLOR

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STATION NAME

PSYCHROMETRIC SUMMARY

USAFETAC THE G.26-5 (OL.A) WINDERFORM DEFICIONS OF MISCONIA OR COLOURS

HORARS YESSINTATION IN COST **PSYCHROMETRIC SUMMARY** US SEETIN - (- 1) - 5. T.) WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bu 133 **×7** 11 56 12 346 ğ Mean No. of Hours with Temperature 37.8 4.617 28.3 4.693 22.7 7.311 53.0 Dry Bulb 241 Wet Bulb

PSYCHROMETRIC SUMMARY

STATION				•	STATION H	AME								AE	ARS					MO	MTH
																		\$5.4		HOURS	- P
Temp.										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24 2	5 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
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lew Point		11 1	317	1.1		5 1	22.7	7.4	K RJ	٠,	12 J		17	7 . 71				ı	1	ı	A.

USAFETAC COM 0.26-5 (OL A)

WET BULB TEMPERATURE DEPRESSION (F) WET BULB TEMPERATURE DEPRESSION IT/
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26.3 4.707

PSYCHROMETRIC SUMMARY

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Rel. Hum.

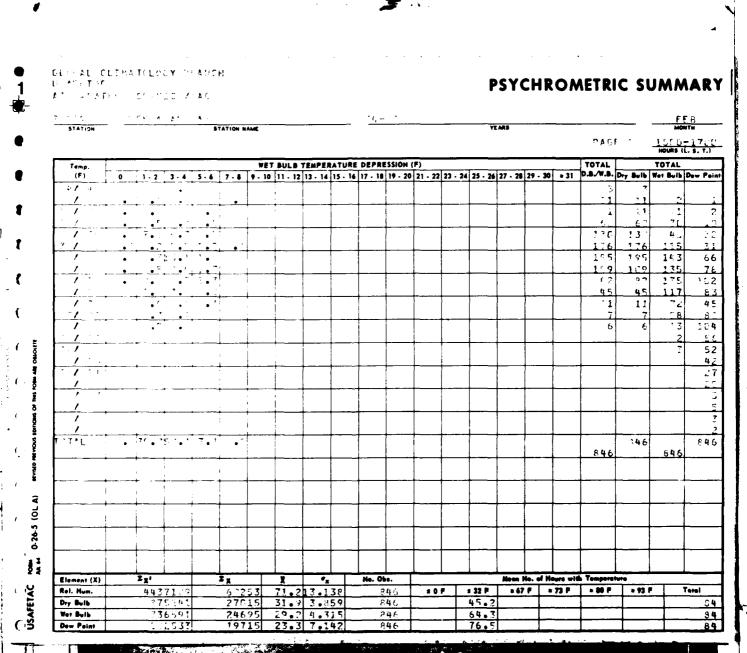
Dry Bulb

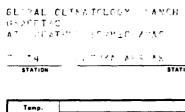
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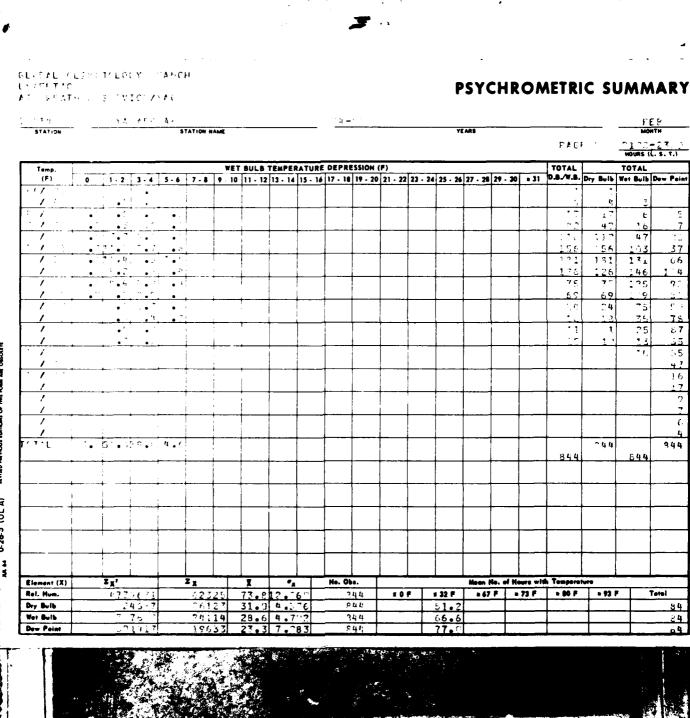
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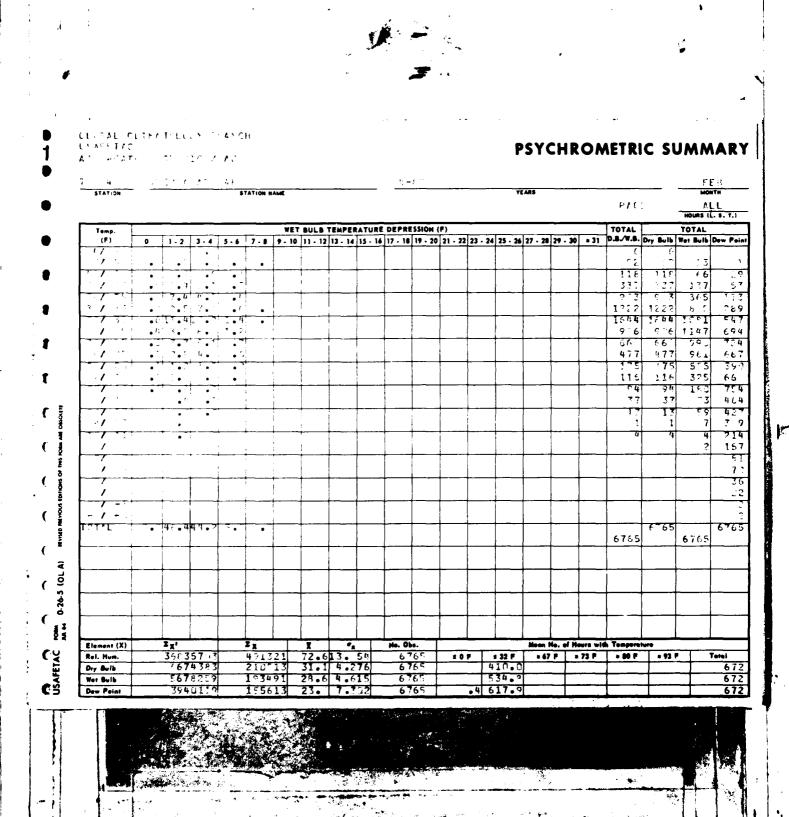


PSYCHROMETRIC SUMMARY

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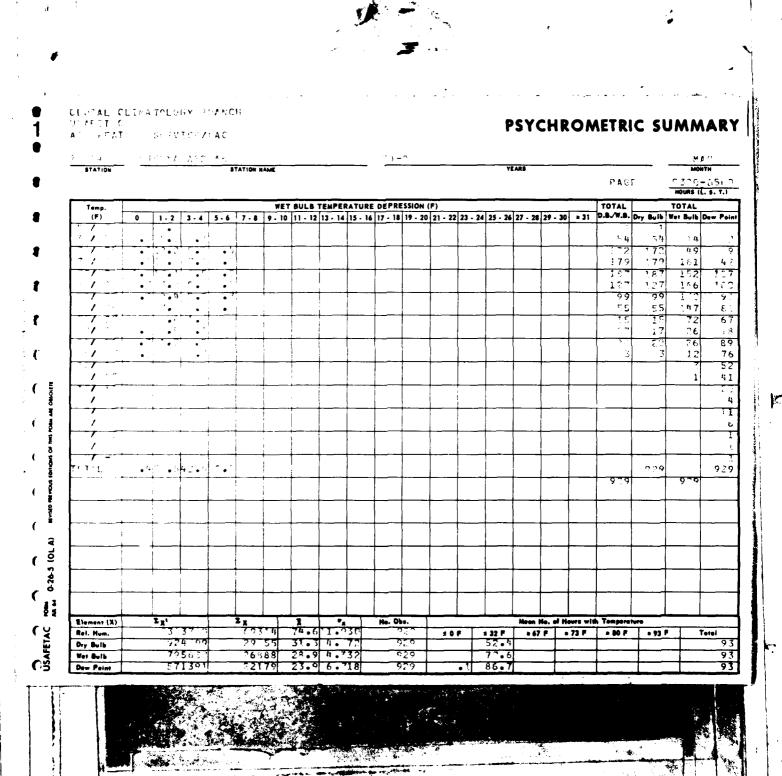


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PSYCHROMETRIC SUMMARY

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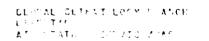
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PSYCHROMETRIC SUMMARY

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USAFETAC NOW 0.26-5 (OLA)



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PSYCHROMETRIC SUMMARY

HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

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D.S./W.S. Dry Bulb Wet Bulb Dew Point Temp. (F) 190 .12 147 150 89 12 82 ز ٥ 5740 T 72.513.590 33.5 3.418 3.7 3.869 25.2 6.557 Mean No. of Hours with Temperature
67 P # 73 P # 80 P # 93 F Element (X) ± 32 ₽ 34 • 5 Rel. Hum. 31133 Dry Bulb 61.6 288455 23458

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PSYCHROMETRIC SUMMARY

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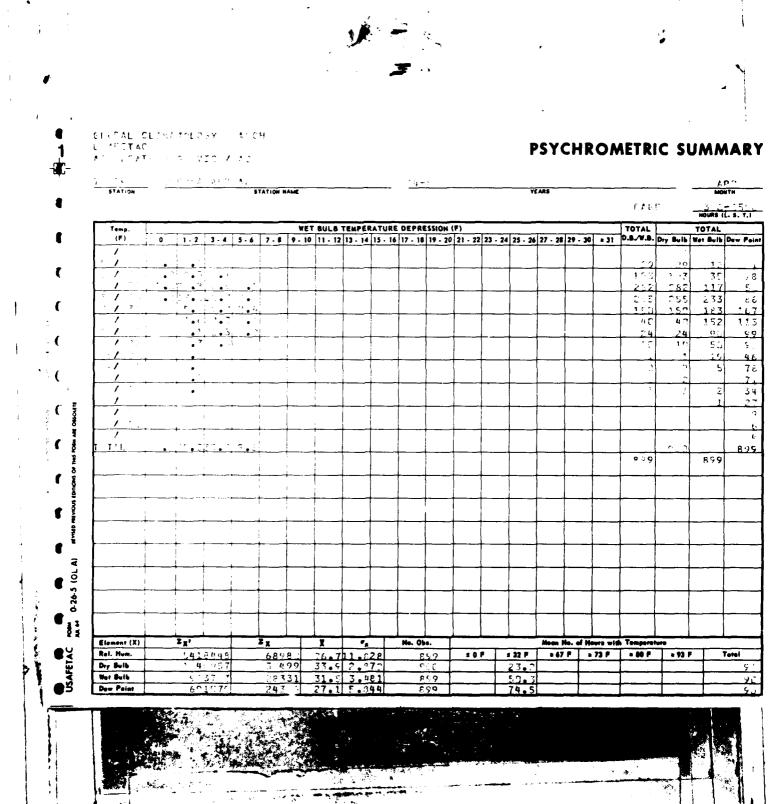
USAFETAC 0.26-5 (OL)

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GE TAE SEAM FOLDING S ANCH ENGINEERING **PSYCHROMETRIC SUMMARY** STATION HOURS (E. S. T.) TOTAL TOTAL
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PSYCHROMETRIC SUMMARY

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USAFETAC FORM 0.26-5 (OLA) BIFFLOR



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CLOSAL CLIMATOLOGY ANCH **PSYCHROMETRIC SUMMARY** STATION 1, (, - ; f) () PAGE " WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

1 · 2 | 3 · 4 | 5 · 6 | 7 · 8 | 9 · 10 | 11 · 12 | 13 · 14 | 15 · 16 | 17 · 18 | 19 · 20 | 21 · 22 | 23 · 24 | 25 · 26 | 27 · 28 | 29 · 30 | x 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Pain 769 264 12! 220 22**7** 119 127 52 21 1 9 € 2 0.26-5 TOL / Moon No. of Hours with Temperature Element (X) (SAFETAZ ± 32 F - 93 F Rel. Hum. 36. 324 Dry Bulb 90 33.7 3.279 32.4 90 Wet Bulb

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | = 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 7774 1125 438 770 1376 216 Element (X) Rel. Hum. # 32 F 1 ? 7 • 3 3 2 7 • 3 2 2666

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PSYCHROMETRIC SUMMARY

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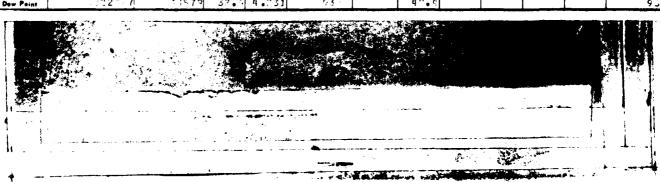
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USAFETAC NOW 0.26-5 (OLA)

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USAFETAC TON 0.26.5

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PSYCHROMETRIC SUMMARY

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GELDAE CESMAN LOSY NHADOR LUBECTIO ATH WINTER THREE AND A AC

PSYCHROMETRIC SUMMARY

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Element (X)		Zx'			Z X		X	€ _R		No. Ob					Mean No	o. of He	ers wit	h Temperat	ute		
Rel. Hum.			7735		75		8	0 . P	7.3		-7	101	·] ·	32 F	≥ 67		73 F	≥ 80 F	► 93 F	•	Terel
Dry Bulb		7 !	57733		3,5,6		30.3	2.	83		:7			• f1		\top			1	1	9.3
Wet Bulb		1 - 1	111	1	734	24	36.1	2.5	30	~	(Table)			8.7		T-			1	1	<u> </u>
Dow Point			106%	1	303	77-1	32.8	6.1	3 0		2 -			42.3		_			+		93

USAFETAC NOM 0.26-5 (0.L.A) WINNERWOOD FERROR OF THIS NOME AND TOWN

STATION STATION NAME VEARS MONTH

STATION STATION NAME VEARS

OF T ALL HOURS (L. S. T.)

Temp.				WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0 1 . 2	3 - 4 5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B./W.B.	Dry Bulb	Wet Bull	Dew Pain
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Element (X)	2 4'		Zx	\top	I	· .	\top	No. Ob	•.				Moon I	to, of H	ours wit	h Tempere	ture		
Rel. Hum.	41.756	477	5066	7	8 , 4			7.6		2 0 F	•	32 F	≥ 67		73 F	- 80 F	• 93	F	Tetal
Dry Bulb	11 2		2857	77	38.5	2.4	e 7	74				7.							744
Wet Bulb	- 10 16		240	1 7	35.3	2.7	41	74				69 . F	1			1			744
Dew Point	3135		2438		33.8			74				29.9		_					744

USAFETAC NOW 0.26-5 (OLA)

STAT ON		STATION NAME				et i	ėi.				JU". MONTH HOURS (E. S. T.)
Temp		WET B	ULB TEMPERATU	RE DEPRESSION	(P)	<u> </u>			TOTAL		TOTAL
(F) 0	1 2 3 4 5	- 6 7 - 8 9 - 10 1	1 - 12 13 - 14 15 -	16 17 - 10 19 - 20	ຸ້ນ ກຸ່ກ	24 25 26	27 26 29	. 30] - 31	0.8./W.B.	Dry Bulb W	ot Bulb Dow Po
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lement (X)	2 x'		7,	No. Obs.					h Temperet		· · · · · · · · · · · · · · · · · · ·
tel. Hum.	1176		7.7 7.61°	<u> </u>	1 0 P	1 32 F	≥ 47 F	■ 73 P	- 80 F	► 93 F	Total
Dry Bulb	179345	75790 3				· ;		<u> </u>	 	+	<u> </u>
For Bulb Dow Point	131933	74745 3	2.7 7.447	9		4.5		 	 	+	
TO POINT		7.71	1 0 1 1	7		7 0 3		<u> </u>	<u>. </u>	-	

WET BULB TEMPERATURE DEPRESSION (F) t 7 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 = 31 150 Dry Bulb Wer Bulb

ETAC HOME 0.26-5 (OL A)



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Temp.							WFT	BULB	TEMPE	RATURE	DEPRE	ESSION	F)						TOTAL	_	TOTAL	
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Rel. Hum.			c: 7	 		. <u>T</u>		9 3	1 7 °	96	PRO. UI		= 0	• 1	1 32 F	* 67		73 F	- 80 F	- 93 I		Tetal
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Dow Point		:31	2'1	. ()		34.7	4 /	38.1	3.1	37	`	1.1			4.6							9

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PSYCHROMETRIC SUMMARY

ETAC NOM 0-26-5 (OLA) REVISED REVIOUS

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PSYCHROMETRIC SUMMARY

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Element (X)		ΣX,			ZX		¥	7 ,		No. O	8.				Moon No	. of Ho	urs wit	Temporet	ure		
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Dry Bulb			-	tı	 		43.3			,			1						1		
Wet Bulb		_	£ 5 :		37		41.		73				1	\neg		\top		1	1		10
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		-7.5				-	عبد		سلنه				_	لمهما				<u> </u>	ــــــــــــــــــــــــــــــــــــــ		<u>تــــــــــــــــــــــــــــــــــــ</u>

JSAFETAC FORM 0.26.5 (0) A) BEVIAD RE

STATION					STATION F	AME				_				- Y(EARS					MO	мтн
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																				HOURS	L. S. T.1
Temp.						WET	BULB	TEMPER	RATUR	E DEPRI	SSION (F)						TOTAL		TOTAL	
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Wat Bulb			1. 2		7.73	7	41.4	7.7	8.6		- 1								1		93
Dew Point		430	686	1	75?	4.5	39.3	3.		¢			$\neg \vdash$	1.5						T	90

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Wet Bulb	147531		764.28		2. 46		;		•				\mathbf{I}^{-}		5
Dow Point	135390		34793				,		7.0		T	T		T-	

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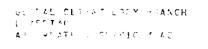
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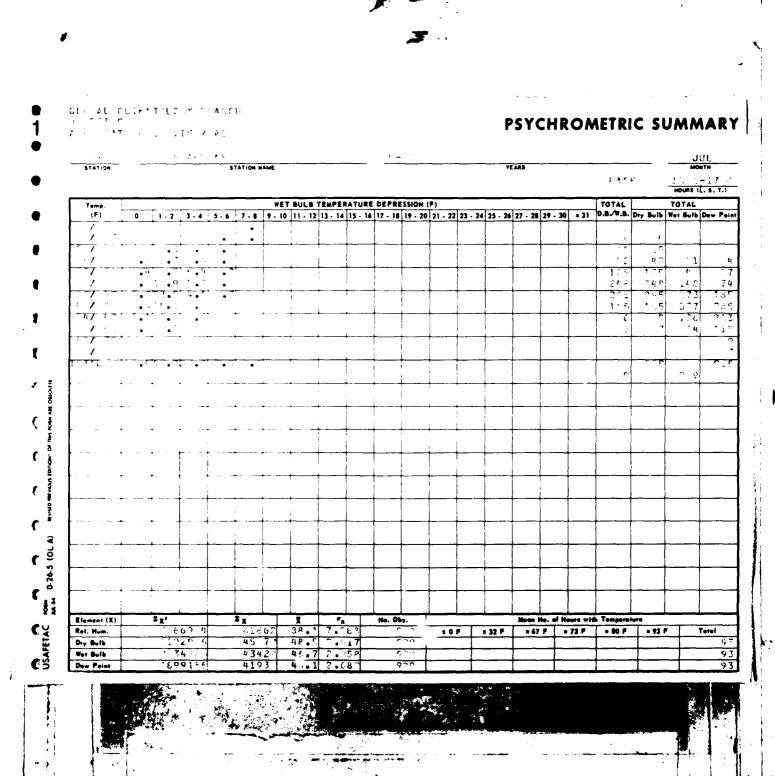
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USAFETAC NOW 0.26-5 (O) A) SEVIND MEMOUS BRITCHS



PSYCHROMETRIC SUMMARY WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew Pair

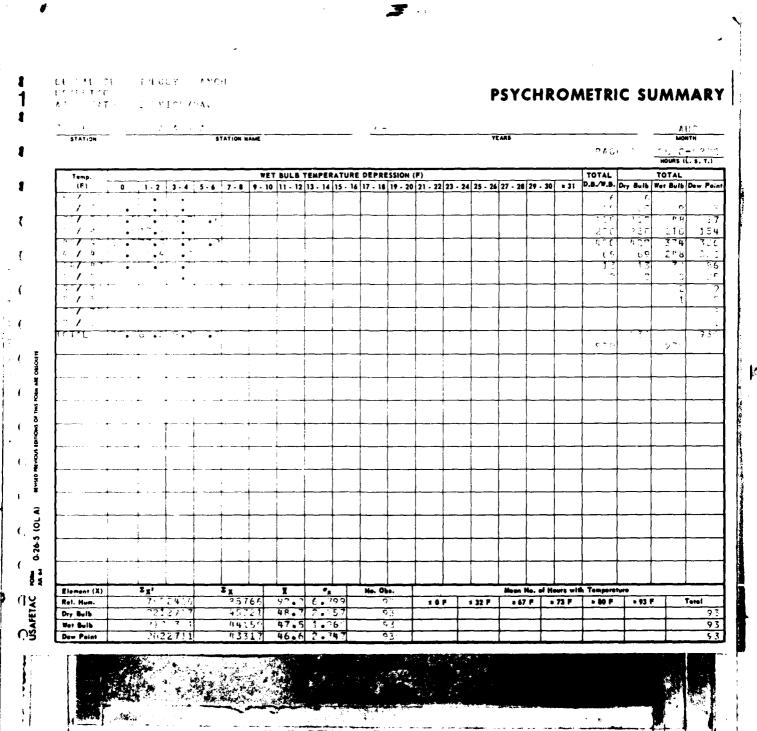
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USAFETAC FOR 0.26-5 (OLA)

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TEMP. WET BULB TEMPERATURE DEPRESSION (F)

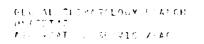
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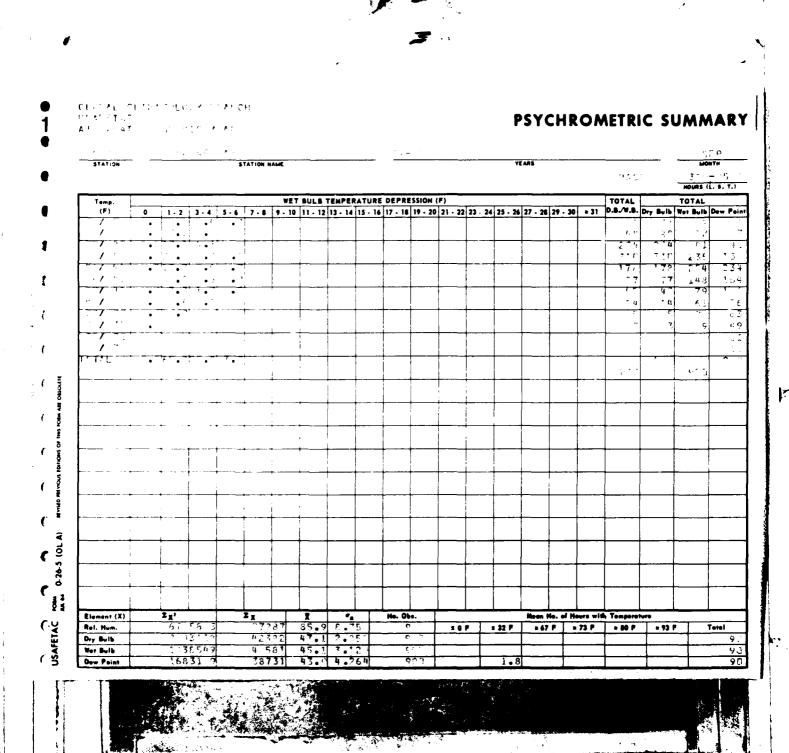
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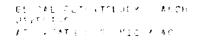


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USAFETAC NOW 0.26-5 (OL.A) HTT

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PSYCHROMETRIC SUMMARY

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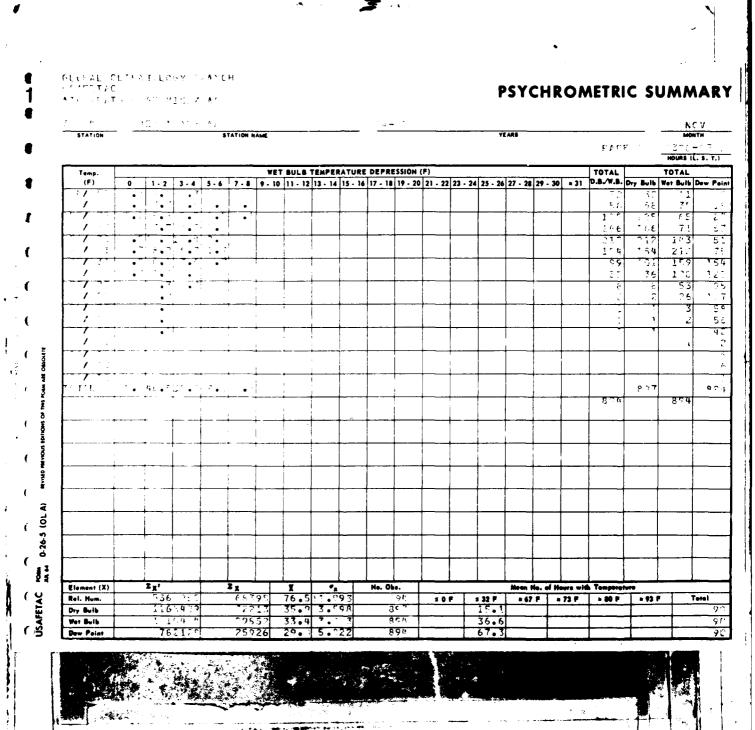
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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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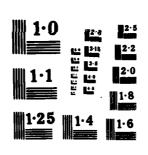
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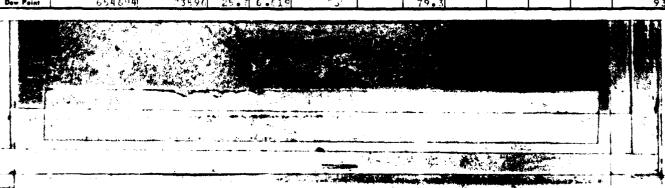
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STATION STATION

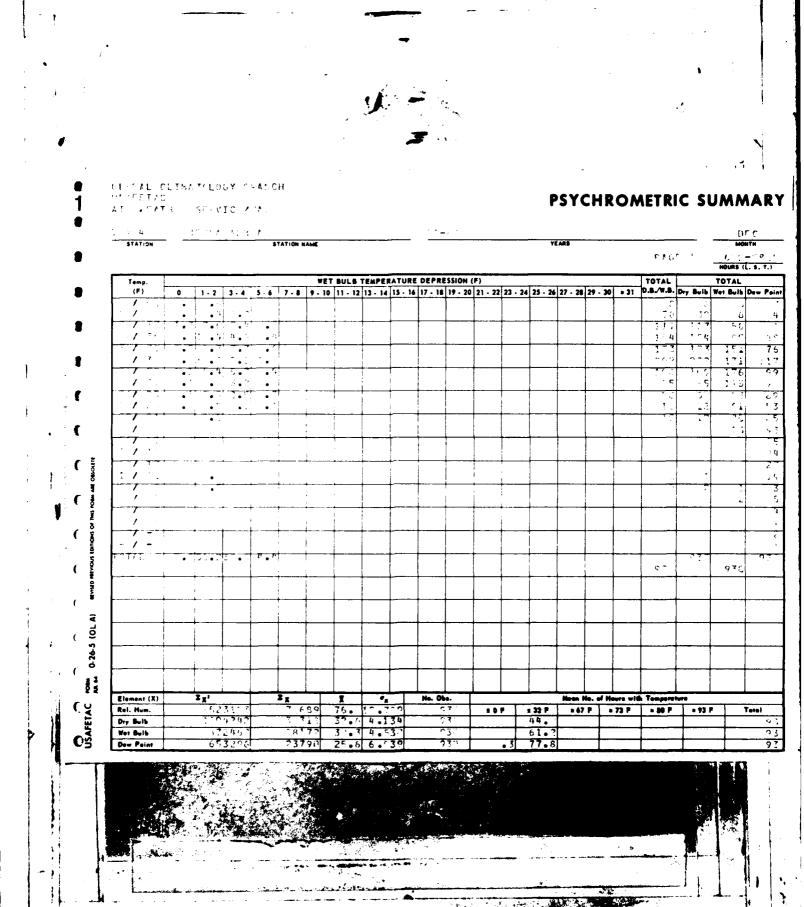
PSYCHROMETRIC SUMMARY

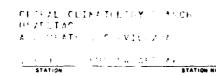
HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 8 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point Temp. 113 1.15 140 2.4 201 167 200 (a 17€ 4.3 ر ٥ s 32 F Dry Bulb 32.6 4.733 Wet Bulb 7. 4.77 20,10 3 4 2 4 672 0.7

USAFETAC 100 0.26-5 (OL

() Moreo





PSYCHROMETRIC SUMMARY

PAGE

Temp.							WE.	T BUL	. 8 T	EMPE	RATU	RE	DEPRI	ESSION	(F)						TOTAL		TOTAL	
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USAFETAC POPE G.26.5 (OL A)

AT ... TAT. ... SE MIC UPAFLT SE MIC **PSYCHROMETRIC SUMMARY** SE MIE I VE STATION 12 7-14-5 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

1 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. Dry Bulb Wer Bulb Dow Point Temp (F) 34 0.3 0.26-5 tol./ 12 Magn No. of Hours with Tomperature USAFETAC 4 32 F Rel. Hum. 3 85 Dry Bulb 67.7 77.5 5754.11 37.0 4.136 286. Wat Bulb 24032 Dow Point

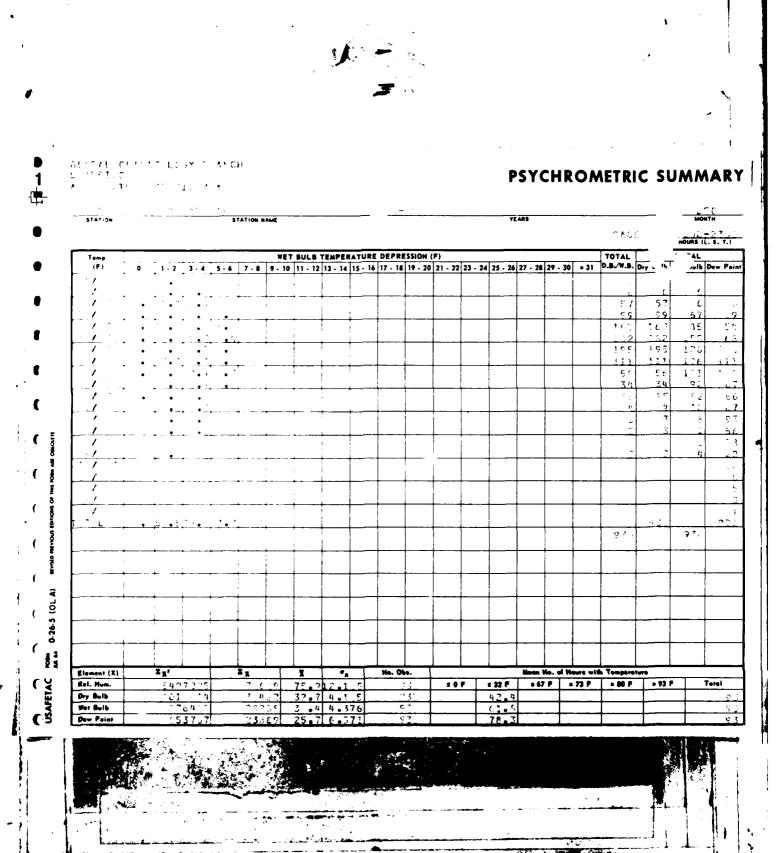
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PSYCHROMETRIC SUMMARY WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 a 31 D.B./W.B. Dry Bulb Wet Bulb Dow Poin Mean No. of Hours with Temperature Dry Bulb Wer Bulb

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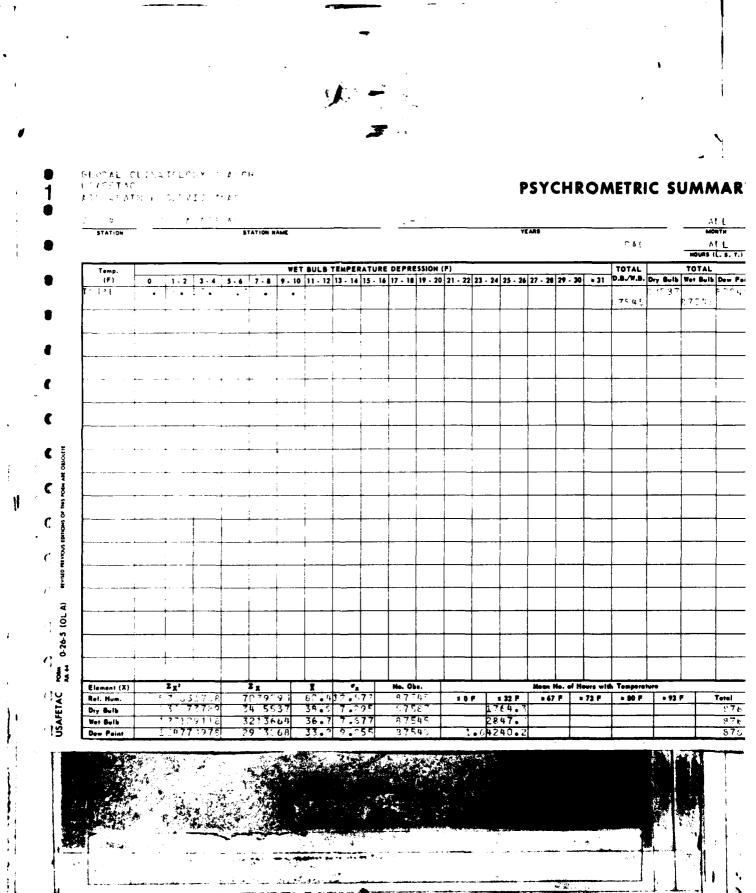
PSYCHROMETRIC SUMMARY

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Rel. Hum.		7		1. 2 G	7 /- (0 F	32 F	* 47 F	4 73 F	= 80 F	» 93 F	 -	etai
Dry Bulb		- 1 - 2 - n	 	1: - 52	7 19 1			27.		- 74 5	- 60 7	+ ***	+	744
Wet Bulb		- - 		1 6	771	I I		56.5	+		 	+		744
Dew Point	7.45	1		1 1 2 7 -	741			26.8			+	+	-+	744

PSYCHROMETRIC SUMMARY

STATION		STATION N	AME			<u> </u>		YEARS				- '\	MTH.
										r. r. t		HOURS	<u> </u>
Temp.			WET BULB	TEMPERAT	URE DEPRE	SSION (F)				TOTAL	1	TOTAL	
(F)	0 1.2 3.4	5 - 6 7 - 8	9 - 10 11 - 1	2 13 - 14 15	- 16 17 - 18	19 - 20 21 - 22	23 - 24 25 - 1	26 27 - 28 29	- 30 = 31		Dry Bulb		Dew P
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/										53.35		65.79	4 :
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ow Point		<u></u>			I		ı	1	1	1	1		

USAFETAC NORM 0.26-5 (OL A) REVINE REVINES REPRINES OF THIS P



GLAMAE CETESTIBOGY - ANCH LAMBETAC A - COATES SCOULD ZOAC

MEANS AND STANDARD DEVIATIONS

OPY-THE TOMPERATURES DEG F FROM HOURLY DESERVATIONS

							~							
STATION			STA	TION NAME						YEARS			-	
HRS (LST.)		JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN		7.0		7.4 . 1	77.4	41.	1	4:.7	47.7	4:	30.1	37.€	3.5
- '	s D	• 2.2	4 . 4 . 3		2.748	.740	2.75	261	2.157	2.773	3.708	3.510	4.149	7.0
	TOTAL OBS		46	, #:	y . C	0 14	•	0.7	0.2	٦ - ا	2.27	376	6.7	1 9
	MEAN	71.	7 . 8	71.7	73.9	7.7	4:1.	# 5 · 5	08.50	47.1	41.5	35.9	32.6	-6
· - ,	s o	4 . 33	1 - 1	4 7 7	2.572	.2 -	-	7.324	2.188			3.598		7.0
·	TOTAL OBS	,	146	,-0	9 ()	غد ہ	7"	6.7	97.	9 ()	0.4	897	0.7	1.9
	MEAN	1.1	7 .7	*1.1	73.9	7.3	4) . 7	B7.5	48.4	46.9	41.4	35.7	32.6	78
_	S D	1.10	4.441	1	2.832		-			2.674				7.5
	TOTAL OBS	,	45		800	978		^ 7	930	91.0	9.7 \$	809		1.9
	MEAN	11.	3 .8	3 •6	₹4.8	75.4	41.7	16.3	49.2	48.0	42.1	35.9	72.7	.7.8
-1 *	1		354	-	7.5.2	171				•				7.2
	TOTAL OBS	2.50		7	5 9	97	200	57,	929		675	9°9		109
	MEAN	•	7 .6	7.7.0	₹5.6	-9.8	43.1	47.7	ាម•ម	45.7	47.9	36.9	33.2	39
1 -: -		3.0-0		3.46	2.638	-								7.4
	TOTAL OBS	7	-46	,	9 5	93"	9	2.7	g 7	4 - 7	937	899		179
	MEAN		17.0	77.5	₹6.5	/· Ü • 4	43.5	#: #: <u>*</u>	51.1	€: •1	44.	77.1	33.4	t:
(- · ·	1	7.5		3.415		27	2.450		2.556	1				7.5
	TOTAL OS	2.0	F 46		3 C	979		979		STU	933	897	030	11.3
	MEAN		71.4	72.0	75.0	79.6	43.1	47.8	F. 1.4	40.1	42.6	36.2	32.8	70
-2	S.D.	3.952	4.119			.161								7.4
	TOTAL OS	0.34	6.46	978	877	927		976	930	9.00	930	896		109
	MEAN	71.4	71.0	32.0	34.6	78.2	41.0	46.6	49.3	47.6	41.6	35.9	32.7	7 8
1-23		4 8				2.083								7.1
	TOTAL OSS	- 63	344	93	897	927		93	935	006		895		179
	MEAN	71.5	71.1	32.1	35.0	78.5	42.	46.7	49.5	48.2	42.4	36.2	32.8	38
ALL	\$. D.	3 - 26			2.84		2.603		2.469					7.2
HOURS	TOTAL OBS	7437							7439			7179		£75

USAF ETAC FORM 0-07-5 (OLA)

GLOVAL CLIPATOLOGY OVANOH LOSETAGO AT ASATEM SOLVIC ZOAG

MEANS AND STANDARD DEVIATIONS

WET - UEF TEMPERATURES HER F FROM HOURLY OPSERVATIONS

STATION			\$14	TION NAME						YEARS			-	
HRS (LST.)		JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	•	2 .4	•	71.7	·5.4	7.50	64.7	7.5	45.3	7 ∵ . t	33.5	70.4	76.
-	S.D	- 5	6 . 7.7.2	4.100	3.345	•70	2.445	7.103	1.96	0.195	4 . 175	3.815	4.44	7.5?
<u> </u>	TOTAL OBS			7 ; "	, ng	924	6.7,	० 📆	238	ب ج	37°	893	97	1794
	MEAN		21.3	^{ 6 0	7.6	75.0	3 5 • 1	t-4 • ·	67.7	45.1	39.7	33.4	7 • 7	76.
	s o	4.40	4.603		2.401	. 66								7.54
	TOTAL OBS	-	1.46	370	899	975	ς,	c, r	5.3	\$ 10	930			1004
	MEAN		7 .2	78.8	71.5	75.3	39.6	44.4	47.2	65.	₹0.2	₹3.2	3 . 3	76.
_	S D	4.4	4.752		3.4	•66C			1					7.53
_	TOTAL OBS		945		8 9	928	, .	6279	936	915	979	896	1 - 1	
	TOTAL OBS		145		3 7	978			7-1	9: 0	17.9	8 7 6	-	1094
	MEAN		ે: •3	1 "	32.2	76.2			07.9	1		1		76.
- 1	\$. D	4.44.	4 • 7 ° '			.56	2.372		1					7.69
	TOTAL OBS		246		809	97	911	670	929	عَادُ ا	227	893	970	1/194
	MEAN	- /	7:.9	* . 3	73.2	~7.2	41.5	116.2	48.9	47.	4 • 9	34.2	30.€	37.
1	S D.	3.0.	4.424	3.759	3.270	549	2.269	2.173	1.989	2.839	3.968	7.751	4 - 136	7.77
	TOTAL OBS	:	-46	,-,-	3 €	975	nr.	0.7	234	200	230	875	930	1 95
	MEAN	. • :	77.02	7	33.5	77.7	91.9	46.7	49.3	47.2	4:.0	34.3	30.9	77.
	S.D.		4.315	3.369	3.159	503						3.676		7.70
	TOTAL OS	230	546	0.3	899	9^9		7.29	1					1 94
	MEAN	20.3	78.B	3 .2	33.	77.0	41.4	46.2	48.7	46.4	79.9	33.7	37.5	37•
·2 ·	S.D.	4.27	4.522		3.047	. 500			1.934					7.75
	TOTAL OSS	5.5	846	928	897	9 7		7 T 3				-		1 94
	MEAN		30 (70. 4	73 1		, -	A. F	0.7.0	1.5. 5	70.3	77 4	70.5	7.
-2 3		2 / · : 4 • 395	22.6			36.1								36.
-2 \	101AL 085	0.29			3-163	•539	2.346 9.10			3.1.54			1	7.58
	IOIAL USS		~44	93	897	9,7	9.41	930	930	930	932	890	<u>,</u>	1 193
ALL	MEAN	77.0												₹6.
HOURS	\$. D.	4 . 527	4.€15				2.517			3.116		3.835		7.67
	TOTAL OSS	7434	6765	7437	7190	7420	7200	7439	7439	7200	7436	7195	744	8754

• 3--5 -

USAF STAC FORM 0-89-5 (OL A)

MEANS AND STANDARD DEVIATIONS

DEPI-DOTHT TIMPERATIONS DEG F FROM HOURLY ORSERVATIONS

STATION			STA	TION NAME						YEARS			-	
HRS (LST)		JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	•	77.00	~4.4	77.3	72.2	3 1.0	47.7	46.0	7.3.1	31.7	9.2	25.7	72.
- ·	5 D	•	• -1	0 . 34	5.717	252	3.714	6.74	2.307	4.317	5. 564	5.596	6.619	9.7
	TOTAL OBS		1.46	, 7	9 4	924	9.00	971	<u> पुत्र</u>	591115	933	हुउड़	97	1096
	MEAN		22.7	73.4	27.1	72.1	₹9.0	43.6	46.4	43.	36.2	79.0	25.5	72.
-	S D	4 . 7	7.311	5.718	5.844	4.125	3. 160	7.714	2.442	4.264	5.771		6.987	9.8
	TOTAL OBS		- 46	9,00	გიფ	225	9 ***	0.4	935	ទុកក្ន	0.30	394	0.7	1794

- ·	5 D	•	• -:	0 . 134	5.717	252	3.714	6.74	2.317	4.310	5. 564	5.596	6.519	9.777
	TOTAL OBS				9	924	9.00	97	9.31	905	973	इ.इ.ड	97	10940
	MEAN		22.7				-	43.6			36.2			72.7
-	S D	′••7	7.311		5.844		3. 160							9.814
	TOTAL OBS	· · · ·	- 46	A C. d	809	2.25	9 ***	0.4.	930	900	930	594	0.7	17943
	MEAN		72.7	73.0	27.2	72.2	78.1	43.ć	46.4	47.3	36.1	28.9	25.6	32.3
	so	73.5			5.675		7 170						6.939	9.703
	TOTAL OBS	,	145	3	8 ₹\$	978	9	67.	230	9.1	, 9	1 1		10947
	MEAN	, , , ·	77.7	24.2	27.7	32.9	39.7	44.2	'i7.	43.6	36.3	29.5	75.6	73.7
	5 D		7.442	6.913	5.776	4.231	3.26	7.543	2.168	4.176	5.731	5.937	6.501	9.947
	TOTAL OBS		246		87 9	9.7	9	9.3.	929	906	927	893	937	17941
	MEAN	· •	2 1										_	73.7
· -	S. D	• : 7	7 • . 9		1.639		3.012			-				9.963
	TOTAL OBS	,	46		ું જ	930	Q 1	930	93.	9 ° 3	930	895	973	17951
-	MEAN	~4.	27.3	70.5	28.4	73.0	79.7	1.5 . 1	47.9	44.2	37.°	29.8	26.3	₹3.9
~	S D.	1. 5 5 6	7.142	6.51.7	5.535							5.696		9.971
	TOTAL OBS	, ,	: 46	03	8 २ ५	ۇ د ۋ		929			239			10944
	MEAN	7 .	7=.3	25.€	78.1	77 6	70.7	5.5. 0	0.7 0		7. 4	30.0	35.7	
-2	S. D				5.453		3.093			43.7		29.4 5.615		33.5
7.5	TOTAL ORS	•	546	918	897	927	970							5.853
	10174 000		640	7.0	871	7-1	9 1/1	930	950	900	930	892	930	10940
	MEAN	20.	23.3	24.0	27.6	₹2.8	38.7	44.2	46.8	43.2	35.9	29.2	35.7	33.1
1-23	S. D.	.747	7.283	.576	5.493					4.352		5.675	6.571	9.743
	TOTAL OBS	2.00	344	93	827	927	9 "(930	930	900	930	890	930	10937
	MEAN	24.2	27 6	30.5	27.5	72.	70.0	40.7	43 0		7 (1)	30 -	75.	
ALL	5. D.	24.3							47.0					33.2
HOURS	TOTAL OSS		7.392									5 . 745		9.855
L	I JOIAL OBS	7474	6765	1437	719	74.20	7210	7459	7439	7200	7436	7145	7940	87545

GLOCAL CLIPATOLOGICO ACCHUITETTA UCATELTA ACCULATE E STEVIECAA

RELATIVE HUMIDITY

* ts	TATE PARAMETERS		JA:.
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	GE FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
HTMOM	(L S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS.
	ļ <u> </u>	•	1 1.			٠٠.	۶٤.9	67.9	8.1	11.7	75.3	929
	- `	1	1 ',.	11 .	0.1		38.5	67.5	41.5	17.2	75.5	93
			1 .	و مرز ا	, U.O	91.5	47.5	62.9	40.8	12.9	75.5	9.7
	- !	1	1	,	2.5	·) s • ,	87.2	67.6	79.7	11.8	75.4	927
	1 -11	1 1.	1 1.	100.0	•	1.5	30.1	61.7	₹8.6	11.6	75.1	970
,	7	, .	1 00	11,000	9,0	97.	36.0	60.7	75.7	1 .3	74.5	929
ļ		1	1 .	1: 7.		97.4	87.4	(1."	78.5	11.6	75.1	93
	-23	; ,,,	1 :0. 1	16 • 1	o.r	7.7.	87.4	62.7	39.3	11.7	75.1	929
				<u> </u>				-	-	ļ		
·			 	 	 				 			
† ·· · · - · · · · · · · · · · · · ·	•			1								
i	TALS	. 0.0	1 10	100.0	100.0	07.0	87.1	62.3	39.	11.8	75.2	7434

USAFETAC ROMM 0-87-5 (OL A)

GLOCAL CLINATOLOGY CTANCH USAFETAC GI SATHA ST VICTAMAC

RELATIVE HUMIDITY

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STATION

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L \$.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
FF:	·	•	1	, -, ·	9.0	Q 7 . H	₹3.6	57.0	34.9	9.6	73.4	846
		1	1	70.Q	0.4	05.7	a2.	54.	34+4	7.7	72.3	346
	-		1	107.	9.6	03.0	°1.5	57.6	33.5	o . 3	73.	845
	-11		1	1. 7.	19.1	01.	01.4	55.4	30.0	9.7	72.5	846
	<u>.</u> -1,	: `•`		ii •	9.3	94.7	79.1	52.	9.7	58	71.5	846
	7	1	1 1000	167.	7.3	97.2	7%.7	5 .5	≎9•	6.0	71.2	846
	-	,	1	11.1.1	9.5	25.4	79.4	56.6	25.2	0.2	72.9	846
	-73		1	107.	79.3	96.	82.5	61.	76.4	9.2	73.8	844
٠	ļ 	ļ		ļ				ļ	ļ	<u> </u>		
+			ļ	 		ļ	ļ	ļ	ļ	<u> </u>		
 	ļ	 			 	ļ		 	ļ		-	
<u> </u>				 				-	ļ			
101	TALS	10.0	170.5	100.0	9.6	04.7	81.3	55.7	33.	3.1	72.6	6765

GERTAL CLIMATOLOGY FRANCH USZETTAC A: FATHER SERVIC ZMAC

RELATIVE HUMIDITY

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STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1		PERCENTAC	E FREQUENC	Y OF RELATIVE	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L S T)	10%	20%	30%	40%	50%	60%	70%	60%	90%	RELATIVE	NO OF OBS.
м *			1	1.0.0	1 0.0	27.7	£3.	46.0	78.1	3.3	75.2	92
		,	1	:	a 13 •	27.7	96.	67.9	37.8	7.3	74.6	97
		1 1.7	1 15.0	167.	~p.n	07.7	85.9	67•€	37.8	9.3	74.5	97
	<u>- 1</u>	1 • 7	1	170.	. f.	25.0	35.2	61.6	39.7	10.8	74.7	93
	_ =14	1 7 7	1 .	1	9.0	94.7	°1.5	≧n•a	75.7	3.5	73.5	23,
	- • •	; "•"	1	1 an. a	9.0	99.5	79.9	55.7	32.	7.3	72.5	93
	<u>_</u> 0	· ·	3	1 /7.	r.•ι	98.1	°1.5	50.0	34	B. '	73.4	92:
	1 - 7 ?	1	1 .	: :n.	9.7	96.7	96.1	ć4.5	38.7	9.8	74.9	93(
			-	 		-	 			ļ		
			 				 					
				 					 			
101	ALS	.1.0	177.5	137.7	9.9	96.4	84.3	61.6	36.8	9.5	74.2	743

USAPETAC PORM 0-87-5 (OL A)

ELEMAN CLIMATHLOSY CLARCH LEMARKTAC ATTURNS SCOVIC MARCH

RELATIVE HUMIDITY

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STATION

STATION NAME

PERIOD

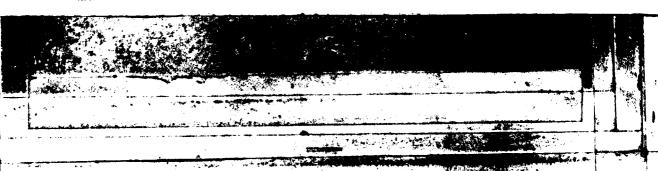
MONTH

1

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	GE FREQUENC	OF RELATIVE	HUMIDITY G	REATER THAN		_	MEAN	TOTAL
MONTH	(L S T)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
	- -	1:	1 .	3 T	. 5.5	36.0	88.8	60.7	45.	11.2	-5.7	9 00
	-		1	:57.1	6.0	58.9	89.8	69.1	45.5	1 .7	76.7	879
	- ' '		1	120.0		09.0	91.0	69.0	45.9	11.5	76.9	899
,	- :	1	1	107.	. 0.0	97.7	28.4	66.0	42.5	10.9	76.0	899
•		: "•	1:12	•6.	i Cost	C7.0	83.9	61.7	35.7	۰.6	74.5	900
*** - = 1	→ 1.7		1-7.	160.0	10.5	117.77	81.1	56.5	31.5	8.1	73.1	899
	- ^		1 100	150	9.3	97.4	8 .2	57.7	35.3	R • 🖰	73.8	897
	-5 3	1 4.3	10.	107.7	1.3.0	90.0	87.7	66.0	42.3	9.9	76.0	897
· · •	·		-	-	 	 			-	1		
	·	<u> </u>	 			 	<u> </u>	<u> </u>			 	
	·	 		-	-	<u> </u>			-			
101	ALS	3.7	1.00.0	100.0	tro.n	98.7	86.7	64.6	47.6	9.9	75.5	7197

USAFETAC FORM 0-87-5 (OL A)



GLUPAL CLIMATHLOGY HUANCH UNAFETAC AN ANATHUM SERVICIVEAC

RELATIVE HUMIDITY

T 124 DETYN AFR BY

STATION NAME

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	GE FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
٠.٨	• ' ?		1 1.	1.00	. 10 • 5	99.7	78.4	88.1	57.6	13.3	61.3	924
	-		1	100.	: "f • f	29.4	97.7	89.7	6.3	19.7	82.2	925
			1	150.1	. 10.0	00.5	28.1	86.0	£1.4	22.3	82.3	928
	<u>- 1</u>	1 .	1 :.	123.3	. 53.6	00.6	26.9	84.1	F3.0	10.6	81.3	930
	1 -1/	1	1~3.0	137.0	9.0	~ 0 •	04.5	74.0	04.7	13.7	78.4	930
	1 /	1	1 500 0	194.6	LT0.0	००, र	94.5	70.1	୧୫.୨	12.5	77.6	929
	-^	1 ,	177.	15,7.7	±0 0 €0		95.0	75.4	46.6	13.9	78.9	927
	1-23	100.3	100.0	107.	1.0.1	30.0	98.2	E4.1	56.2	17.3	81.	927
			 	 	-		 		 	 		
			 	 	 	<u> </u>	 	 	 	 	<u></u>	
			 	<u> </u>	 		 			<u> </u>	 	
TO	TALS	. 3.0	170.0	107.0	100.0	09.5	96.7	81.6	52.7	17.2	8 . 4	7420

USAFETAC FORM 0-87-5 (OL A)

GEORAL CLIMATOLUCY OFFANCH USAFOTAC ATT REATHER OFFANCE / MAC

RELATIVE HUMIDITY

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STATION

STATION NAME

PERIOD

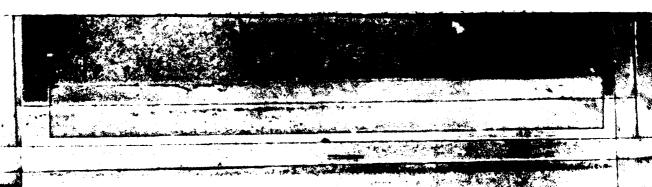
MONTH

1

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	SE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
	· `	1 .	1	t.: 7.	r ta • 1	1	116.0	98.6	89.3	50.0	89.7	900
	_		179	19 n• π	1000	1	1 (.0	28.4	91.4	52.1	9.05	970
	-	. 7.7	1	:00.	10.0	12.	100.6	59.3	91.2	52.3	90.3	970
1	7-11	1 •	1	100.	·.•r	1	170.0	98.2	35.7	46.1	89.1	900
	i -:	1, "1.7	1 ***)•	100.7	70.0	(1 9 - C)	79.6	95.3	75.9	36.7	87.	900
	7,7	1	1 55.0	100.0	10.0	1870	≎9•û	95.3	70.3	30.9	85.7	900
	7	1	139.0	100.0	~ 1D • n	2 - 7 • **	99.1	95.3	76.3	33.1	86.4	970
	1-23	*17.7	100.0	ו הרטי	, m , n	1	79.9	97.6	83.8	42.7	88.4	913
	 					-	-					
· ·												
TO	TALS	1 7.7	117.0	100.0	100.0	100.0	09.7	97.3	€3•^	42.9	88.4	7200

USAPETAC POMM 0-87-5 (OL A)



GLOPAL C HAITOLOGY FRANCH USAFETAC AI: *FAT B SERVICE/MAC

RELATIVE HUMIDITY

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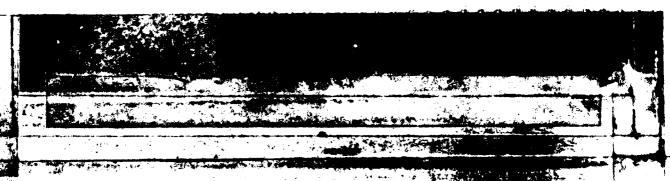
STATION

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1		PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY C	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
١٠٠١	n - ng	100.0	170.0	1, 7.	1-C.	1	100.0	99.3	65.1	66.2	92.5	<i>५</i> इ.:
	7 . C	1 7.7	106.5	100.1	ro.r	trn."	170.0	1 0.	14.1	7 .2	92.9	93
·	د, ــ ؛	1 1.0	1 0.9	150.1	10.	147.1	103.0	Ģ 0 €	94.	72.7	93.1	93"
	2-2 F	1	1 n.	1117.	70 . 0	1	11 3.0	1. 0.	°2•7	68.2	92.3	937
	1 - 4	1.0.7	100•∪	100.0	1.0.0	1	1 0.0	29.5	87.D	52.3	9 • 0	931
	15 -17	1	1	198.	.F.Q	1.17.1	79.7	98.7	21.2	47.7	98.1	920
	· • • • • • • • • • • • • • • • • • • •	1 3.0	1 3.	190.5	· 5 •	۱ - ۰	09.0	99.4	16.	44.6	89.2	93.
) - 23	100.5	170.9	100.7	.^0.0•0	1	1-200	99.5	92.4	6 .6	91.5	93
				<u> </u>	-	-		-	-	1		
foi	ALS	1 0.0	170.	100.0	.70.0	125.3	195.0	99.5	90.4	59.9	91.2	7439

UBAPETAC MEM 9-87-5 (OL A)



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RELATIVE HUMIDITY

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STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	7		PERCENTAC	SE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
' ;	_			107.	10.0	tor.n	09.9	99.1	93.1	64.4	32.2	93
_				•	3.1	:	19.9	90.	94.2	64.3	92.4	977
	• ·	ļ _i	1 .	,	1.	1.7.	111.0	99.5	23.9	67.1	92.7	937
•	- 1	j ••	1 nr • 1	16.7.	in.n	*:::*•	1 1	09.4	93.8	63.1	92.1	929
-			1).	i an •	. 10 • 11	ton.	190•n	9.4	89.1	53.4	9 .3	930
		1	1 .	ion.h	2.70.0	107.4	។0.១	97.5	24.6	44.2	88.9	931
	. <u>.</u> .		11.1.	1 7.	1.77.	: 'r•	79.8	97.7	86.3	48.5	89.6	930
	-7:	117.0	1 0.3	tin.	3 10 • 6	100.	9.8	98.9	9 • 2	57.1	91.2	93
	•								<u> </u>			
•			-	ļ	 	+						
	·		1			 	<u> </u>					
TO	TALS	1 0.0	1.10.00	167.0	1 0.0	1'.7•'	99.9	98.7	90.7	58.0	91.2	7439

CONTRACTOR TOLOGY STANCH CONTRACTOR STANTS OF STANTS

RELATIVE HUMIDITY

STATION MAME

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L S T)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	NO. OF OBS
			1		6.00	177.3	09.1	50.n	73.3	34.3	95.5	9 7
		• ^			. (°•0	165.	99.2	53.6	73.9	34.1	35.9	9 " [
		1.	<u> </u>	•	16.		79.3	5.3.€	73	77.7	೧5•೪	974.
	-	****	1	• - •	5.1	1 :-	77.1	97.1	78.6	20.3	84.6	97:
		11. 7.7	1 70.00	107.		1 ~.	27.1	87.7	53.0	19.9	81.6	950
	- :		1	16.7.	, r		ಾ7•1	25.7	47.7	15.6	8 .3	9 19
		:	1 1.	,	U• 6	107.0	27.3	გ7•৪	57.7	10.6	P 2 •	910
		, ,	1 0.	137.	. 10.5	100.	79.1	91.0	69.0	28.9	94.7	9: 7
							İ	<u></u>				
to	TALS	n	1 3.0	100.0	. 0.	1000	98.4	97.6	64.7	26.9	83.8	7200

USAPETAC POM 0-87-5 (OL A)

 $\begin{array}{lll} C(t) & \text{fig.} & \text{fig.} & \text{fig.} & \text{fig.} \\ 1 & \text{fig.} & \text{fig.} & \text{fig.} \\ 1 & \text{fig.} & \text{fig.} & \text{fig.} & \text{fig.} & \text{fig.} \\ 1 & \text{fig.} & \text{fig.} & \text{fig.} & \text{fig.} & \text{fig.} \end{array}$

RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL NO OF
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	Oas.
	<u>.</u>	1	11 24.1	107.7	0.0	, n • ·	^6.6	я ₹.,	-4.	21.1	⁴ 1.3	93
	-	•	£ 7.	• 37•	7 • 1	10.5	76.6	67.1	٠8٠.	21.6	81.6	93
	<u>-</u>		1			. 0 • 1	20.3	47.7	E 8 • 1	21.5	81.7	929
		11 •				29.6	05.4	70.3	52.0	19.1	07.3	927
,	· - : ·		1 .	•	υ • · ·	0.5.5	89.9	7 1 . 3	41.5	17.9	77.2	93
	-	1	1	14.5	6.5	0.4	87.8	69.6	tt • ';	10.	76.8	931
,	- '		: .			79.11	ગ (• 4	75.	46.6	14.5	79•€	93
•	-73		i		91 . 7.	0.2.0	75.2	81.1	73.	19.5	85.5	930
								<u> </u>				
i	TALS		177.	1 0.0	្រកូ ស្	70.7	94.2	78.2	50.7	17.8	79.8	~436

0-87-5 (OL A)

OLIMATOLIC Y DIAMONI DIAMONITANO AT TAT OIVERS AND AC

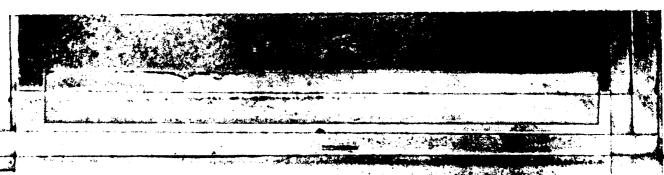
RELATIVE HUMIDITY

. 11	 FIF Av	$f(\theta) = f(f)$	NOV
STATION	 STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENC	OF RELATIVE	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
Ν	· 	1 100	1 1.5	100.	9.9	93.2	89.7	67.4	39.2	14.3	76.6	893
		•	1 17. :	ιεο .	0.7	110.0	F9.9	67.0	39.9	17.2	76.5	894
			1 .	100		00.	00.3	70.9	4 (i • 6	11.6	76.9	896
		1	1 :•	110.		49.	7 . 6	67.5	4	11.4	76.5	893
	1 -11		1	100.	19.9	02.	°8.3	66.5	34.4	9.5	75.4	895
	-		1.7.	100.0	200.0	07.0	87.3	64.3	36.	1 -1	75.4	802
		• • •	1 :•	100.0	79.0	ר, פור	01.8	72.2	41.9	12.3	77•U	897
	1-27	1	1 i.	169.0	9.9	y2."	92.1	€9.7	41.2	14.2	77.1	89
	<u> </u>	-	-		-	<u> </u>	-			 	 	
	 	-	-				ļ	 	ļ		<u> </u>	
		-	-	+	 					 		
	TALS	3.5	100.0	109.0	170.0	98.6	99.0	67.0	39.	12.1	76.4	7145

USAPETAC PORM 0-87-5 (OL A)



GETTAL CLIMATOLOGY STANCH UTAFETAC ATT CTATHES SERVICEZIAC

RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	SE FREQUENCY	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
D C	-	1	1 10.5	101.1	s "Q • C	1.0.7	58.8	62.0	4 %	12.4	75.7	93
	-	1 .1.7	1 7.	1: 7. 1	9.3	97.0	88.2	61.	4 % ዓ	13.8	75.7	93
		1 7.	1 11.	107.5	19.3	97.	98.7	62.7	42.9	19.3	76.0	931
	- 1	11 1.7	1	197.7	9.9	97.0	98.6	65.1	42.7	11.4	75.9	93
	L - ' '	1	1	167.	9.7	97.7	96.2	61.5	39.	11.4	75.1	93
	- · ;	1 :	1 3	157.4	9.9	97.5	87.0	61.6	37.5	11.2	74.8	93
		1' '.	1 'J.	107.0	9.9	99.0	89.2	63.R	475.1	11.0	75.7	930
	, - 23	٠ ٦,٦	וי ו	187.1	±78•0	99.4	89.7	63.1	41.	11.9	75.9	93
	!	<u> </u>	ļ		ļ	ļ <u>.</u>	<u> </u>	ļ	ļ	ļ	ļ	
·		 	 	 	<u> </u>	<u> </u>	<u> </u>		-	<u> </u>		
ļ •		-	 	 		 		<u> </u>	 	-	ļ	
701	TALS	7.7	170.1	100.0	19.9	97.2	88.2	62.8	40.5	12.2	75.6	744

USAPETAC PORM 0-87-5 (OL A)



CTOMAT CLEMATOLOGY O ANCH-BONETTIC ATT VOATHOR STOVICYZMAC

RELATIVE HUMIDITY

TATION N

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S.T.)		MEAN	TOTAL								
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS.
J # +	FIL		1 1.	1100	. c. :	97.	97.1	62.3	79.	11.8	5.2	7434
rry !		¬	100.	167.3	9.6	94.7	81.	55.7	-3.	° • 1	72.6	6765
			1 10.1	100.1	9.0	96.11	24.3	61.6	36.3	9.5	74.2	7437
J, *			1	1. 1.	, p.n	98.7	3 € • 7	64.0	47.6	9.9	75.5	710
4/Y		~.~	i :-	1:5.	: 14.	00.5	c6.7	81.6	52.7	17.2	80.4	7420
J ''		7.0	1 '0.	107.7	ind.n	107.	79.7	97.3	83.	42.9	38.4	72 7
J %		• ~_	1 0.0	100.3	_n n .n	1/10.0	100.0	99.5	9 4	50.0	91.2	7439
,		•	1 7.	195•2	.50.T	1 mm. m	79.9	99.7	93.7	58.1	91.2	7439
		-1.0	1 i.	167•3	0.0	195.7	08.4	94	64.7	26.9	83.8	7200
oct		;n . 1	100.4	160.4	100.0	99.7	94.2	78.2	5 . 7	17.8	79.8	7436
NOV			1/0.0	100.7	100.0	98.6	90.0	67.9	39.	12.1	76.4	7145
o'c		1 7.1	150. i	100.0	29.9	97.9	88.2	62.A	40.5	12.2	75.6	744
101	ALS	: 7.N	1 0.5	107.7	100.0	92.5	92.2	76.7	55.1	23.8	8 '•4	87545

USAPETAC ROM 0-87-5 (OL A)

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

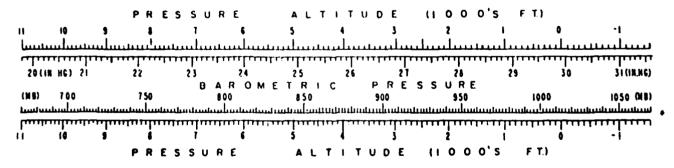
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.

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CLORAL CLIMATOLOUY PLANCH UPSEFFAC AT FEATH & STAMICTANAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSENT IN INCHES HE FROM HOUPLY OBSERVATIONS

The transfer of the Arm At

STATION		STATION NAME						YEARS						
IRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN		10 . 309	79.437	15.615	-689	9.775	70•7 <mark>64</mark>	29.689	79.782	29.652	29.441	29.393	29.5
	S D	. "	.410	•4 ≘	• 376	.7.24	. 248	• 779	.271	• 323	371	• 411	•472	. 31
	TOTAL OBS		_ 2	210	კ∴^	310	\$ 7	7.1	311	3.00	٠. ٠	חרכ	11.	₹6!
	MEAN	• 1.03	7 . 3 C	29.420	29.677	74.678	79.777	7.752	9.677	29.770	9.641	29.435	29.384	29.5
	S D	• 5 7 .	.417	• 4 3	.375	•32	.274	• 279	.272	•3^1	• 770	• 413	.437	• 31
	TOTAL OSS	٠.	2 2	311	אי 3	310	3 is	7.1	317	<u> 300</u>	3.0	רָינ יַ	310	365
	MEAN						-						29.379	29.5
	\$ D	•	•418		• 37ï	• 3 1.7		• 227	•271	• 322				• 3
	TOTAL OBS		2 . 5	1,0	300	31	3	5.1	31	300	- 12	300	31.4	36
										ļ.				
	MEAN	 ₹3.54. 	20.309	79 - 141	19.627	70•6P8	29.741			29.779		1	29.392	29.5
•	S D	• •	• 4 3 9	•4 (• 35.6	•31R		ه?? د	• 773	• 326	• 369	.418		• 3
	TOTAL OBS		1 2	31"	3 .	31	3 7 1	<u> </u>	31.	5	717	300	716	35
				ļ										
	MEAN	• 126	-		56.650								29.388	29.5
	S D	• 1	•417			-								• 3
	TOTAL OBS	7.1	2/2	; i	3 .*	211	3	71	31 <u>1</u>	303	310	299	3*6	36
	MEAN	3.30	20 270	29.423	20 (17	2 6 76	20 700	20 755	20 600	20 765	20 607	20 (122	29.375	29.5
	S. D		ī	1			7			ľ	1			29.5
		•)	•416		•360			•727			1			
	TOTAL OBS		2.12	<u> </u>	3 %	310	3 7 1		310	370	315	299	316	36
	MEAN	•	7.29	29.429	29.614	24.675	29.726	29.75	29-683	29.768	29.652	29.431	29.387	29.5
	S. D		413											• 3
	TOTAL OBS	7.5	2 (2		300	315		1	1	1		1		36
						<u>~~</u>	-		***		7.0			
	MEAN	2 .296	27.399	29.444	29.630	29.689	29.74	29.764	29.697	29.782	29.660	29.437	29.392	29.5
2 -	S. D.	•422		1			1			1				. 3
	101AL 085	31	281		1									36
ALL	MEAN	26.292			29.619	29.683						29.435	29.386	29.5
HOURS	\$. D.	•422	• 416	•402	.371	.321	.246	.227				.415	• 439	. 3
	TOTAL OBS	3483	2255	2480	2430	2480	2400	2480	2480	2400	2480	2396	2480	292

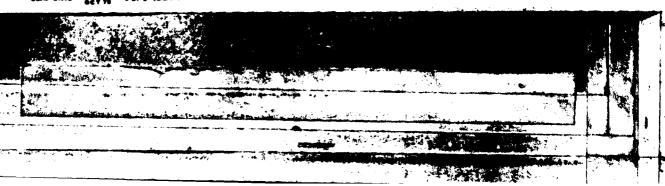
USAS STAC FORM GASAS (OLA)

MEANS AND STANDARD DEVIATIONS

THE FOURT CONSCIENT IN MEST FORM HOURLY DESERVATIONS

STATION		STATION NAME					YEARS							
HRS ILST		JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
	MEAN		~99.u	•	J 36 . 6	70.7	100	771.7	101/.3	1012.5	1007-1	100 .9	999.2	1705.4
	S D	4	10.003	13.013	2.857		5.77	7.77.	9 - 225	1 .591	12.13	13.965	14.793	13.39
	TOTAL OBS	<u> </u>	:		30.5	,,,		<u> </u>	31	3 1	:.	3 7 7	21.5	3651
	MEAN	<u> </u>	.00.	1920	1674.5	33 ° 6	101.	11.5	1010.9	1012.1	1007.7	1 7 7	998.9	15.75.
	50		4.217	3.7	12.765	• • • • ?	P . 7	7.775	9.272	27.706	12.598	14.036	14.919	13.34
	TOTAL OBS		- 3			3:			315	3: -	317	300	73.0	365
	MEAN		00.	7.7	1.07	-9.1	101 105	1711.6	Til	1312.	3.17.7.7	1 10.6	978.0	1 75.
	S D			13.00	10 (0 - 2	•79F	8.62		9.2.9	10.943	12.687	14.103	14.821	13.37
	101AL 085					3.1	7		31	379	3 10	370	₹^9	365
	MEAN	7 .	39.4	13.3.	117.2	00.3	1011.1	77:1.9	2009.3	1 12.4	1 108.3	1 71.1	999.2	1305.
	S.D	• .	9.00	7.00	2.4"4	1 -311	3.347		9.000	7 اد 💶 1	12.558	14.199	15.137	13.47
	TOTAL OBS			3.	3		77.	- 12.	31	3772	730	370	310	365
	MEAN		C tı		1007.3	75.7	11110	1711.0	9.4	1:12.3	2 703.2	1.95.7	999.	1675.
	S D	1 - 30 7	4.175	L 3 - 1 1	12.4"	्राज्या है।	A . 4 30	7.706	9.250	11.126	12.421		15.143	13.42
	TOTAL OBS	 		1.1	3 0	- ; ,			31	31 0	3.7	299	310	365
	MEAN	05.			E16.8								998.6	1005.
•	5 D	14 . Sz 1	4.147	13.037	2.550		9.444		J			l .	15. 99	13.43
	TOTAL OBS		· 1	3.	3 -	33 1	- 5	311	31.7	370	310	299	310	365
	MEAN	95.7	29.1	0.10 • 5	1076.8								999, 1	1005.
	5. D		4. 29										15. 11	13.34
	101AL 086	<u> </u>	742	3.	<u>3.10</u>	310	3~~	313	310	370	310	299	710	765
	MEAN	.96.											999.2	1505.
2.	\$. D.		5	t .					L				14.809	13.37
	TOTAL DBS	3 "	782	31.	300	312	350	310	310	300	310	299	310	365
ALL	MEAN												999.1	1005.
HOURS	S. D.	14.324					8.375	7.709	9.208	11.059	12.473	14.086	14.957	13.30
	TOTAL COS	247	2255	2479	24.10	2480	2400	2480	2480	2400	2480	2396	2979	29219

USAF ETAC FORM DANS IOLA)



END DATE FILMED Solvenies Solvenies Fig. 8.4